SUREFIRE®

2002 Illumination Tools

$4.00 U.S.
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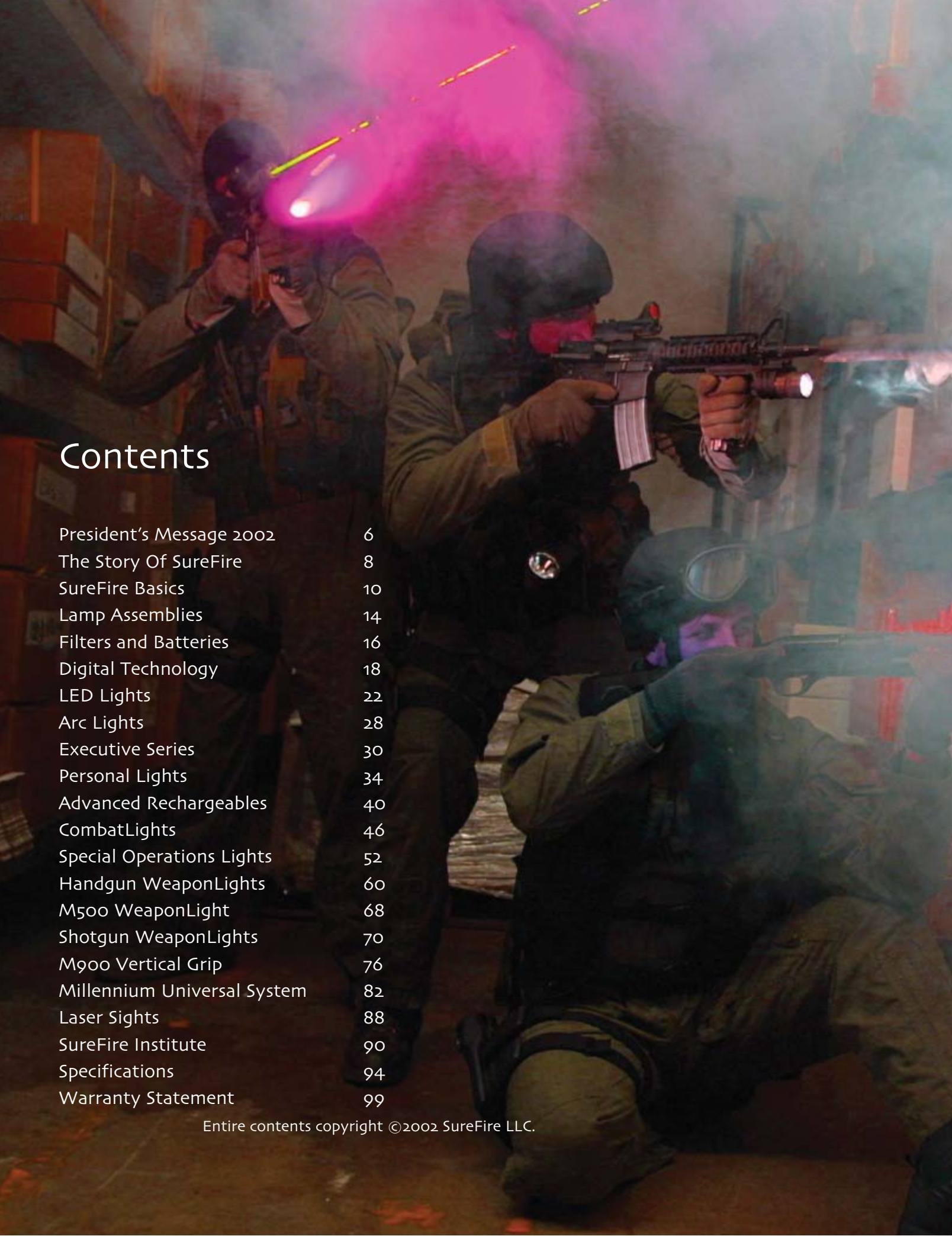
Photography by Ichiro Nagata

the power of light



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the power of SureFire

For the first time in the history of SureFire, America is engaged in a declared war. As strongly as we support our war against terrorism, we nonetheless are concerned for the safety of our valiant warriors, our friends in the Special Forces who are clearing the caves of Afghanistan, routing out the Al Qaeda vermin. But at the same time, we find some gratification in knowing that SureFire flashlights and WeaponLights™ are venturing into the dark lairs of the Tora Bora cave complex with our men. It feels good to know we've helped create a tool that may well be saving American lives in a war zone.

SureFire owes its roots to providing tactical illumination tools to military and police customers who came to us and asked us to create a totally new form of "weapon," a light so powerful it could be used as a combative instrument. From our first 6P Classic flashlight to our latest Millennium Vertical Grip WeaponLight, we have thrown caution to the wind and embarked on a business model based on providing those who go in harm's way with the very best lighting tools.

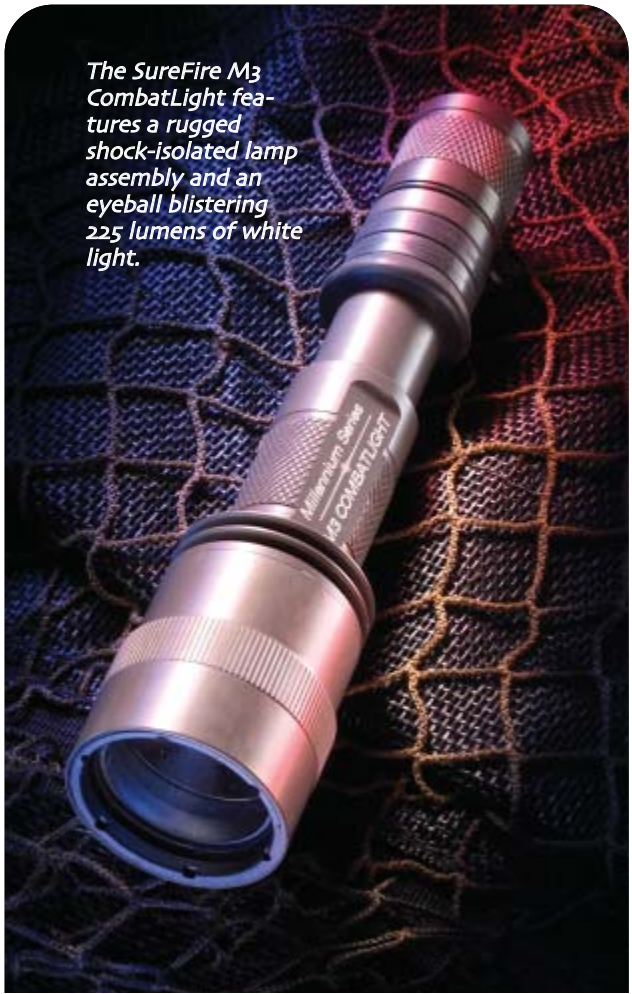
And we must be doing something right. When *Newsweek* featured a Special Forces operator on its cover (Oct. 29, 2001), the soldier was carrying an M4 rifle with a SureFire tactical light in a Weaver mount. No greater reward could we ever ask than the knowledge that our products are trusted by the men who wear a Ranger tab and a Green Beret.

To our friends in law enforcement and the armed forces, you have my pledge that SureFire will continue to develop new and better lighting tools to help you prevail when you are called upon to defend home and hearth. You have our respect, our admiration and most of all our gratitude.

Godspeed,

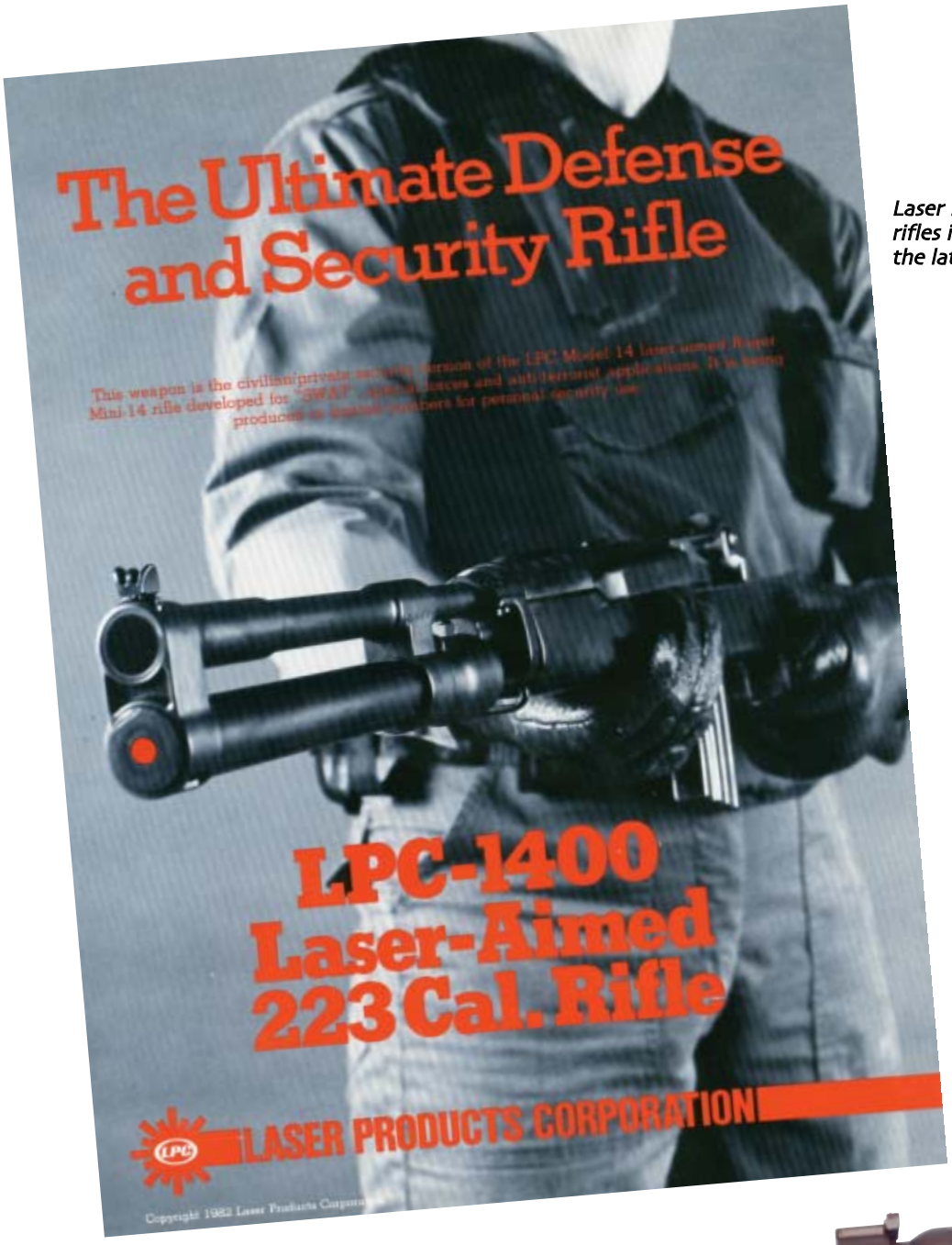
John W. Matthews
Founder and President

SureFire holds numerous patents relating to the construction, design, performance and function of powerful lighting tools, especially weapon-mounted lights. The same intensity and passion that went into the design of our WeaponLights for police and military customers is incorporated in every light we make.



The SureFire M3 CombatLight features a rugged shock-isolated lamp assembly and an eyeball blistering 225 lumens of white light.

Unsatisfied with simply building the best tactical illumination tools, Dr. John Matthews created the SureFire Institute to develop tactical doctrine on the use of bright light in combative environments. The instructors (below) are today considered the cutting-edge originators of the most dynamic training for police and military personnel.



Laser Products customized Ruger Mini-14 rifles into laser sighted tactical rifles in the late '70s.

An early laser sight for the Colt Trooper proved too cumbersome for practical use.

A laser sight for an MP5.

the SureFire story

SureFire is a story of what can be accomplished with light. The tale begins in 1969 when an engineer with a freshly minted Ph. D. from Cal Tech decided the future lay in lasers. Dr. John Matthews founded the Newport Corporation to harness the power of the laser for industrial applications.

Over the next decade, the Newport Corporation grew to become a leader in the laser field, pioneering a host of industrial uses for the laser. Patents were issued, contracts were won, business boomed.

Basking in the glow of success, John's inventive mind turned toward his hobby and passion, shooting. He wondered if a laser could be adapted to serve as a sight on a firearm. In 1979, the intrepid scientist's musings became reality as he designed and patented a laser sight.

The original laser sight was large and cumbersome by today's standards, and prohibitively expensive to manufacture. The board of directors of the Newport Corporation— now a public company with shareholders— looked at the bottom-line of the fledgling laser sight business and decided that the interests of the shareholders would be best served by investing in something more profitable. They resolved to dump laser sights.

John and several other of the key technical people at Newport Corporation who shared John's vision bought the business from the board. John resigned as president from the Newport Corporation and set about perfecting his dream with his new business, Laser Products.

A handgun sight for a Colt Trooper was the company's first product. A laser sight for a Ruger Mini-14 soon followed. Then, in 1984, the phone rang with a call from a local police agency that would literally alter history for Dr. John Matthews and Laser Products.

It was the Los Angeles Police Department's SWAT Team on the line. The 1984 Olympic Games were to be held in The City Of Angels and the police wondered if it would be possible to borrow a number of laser-sighted shotguns to use for security during the Games. No problem, said John.

In the years that followed, the technically superb, but expensive, laser-sighted firearms paved the way for future developments. While none were commercially successful, the willingness of Laser Products to accommodate law enforcement's needs led to the development of a novel idea at the time, a weapon-mounted flashlight.

The SureFire WeaponLight™ was born, and low-light law enforcement and military operations would never be the same.

Laser Products went on to establish itself as the leading manufacturer of rugged, powerful and compact illumination tools for tactical applications— from weapon-mounted lights and laser sights, shield lights and baton lights to hand-held lights powerful and bright enough to qualify as "force-option" tools that could temporarily blind, unbalance, and disorient a threat.

Eventually the SureFire name became so synonymous with excellence in hand-held illumination tools that the company name, Laser Products, was changed to SureFire LLC.

Today SureFire employs nearly 200 technicians, engineers, assemblers, machinists, clerks, salesmen and administrators. The company manufacturers all of its key. It boasts a state-of-the-art Machining Center where the aerospace-grade aluminum bodies, bezels and tail-caps are machined on 11-axis CNC Index lathes from Germany, the finest such machines.

Since its inception, SureFire has continued to design and manufacture lights of ever increasing brightness and quality while setting new standards for maximum power with minimal size.

Cool science at work: Paul Kim, SureFire's director of new product development, displays two prototypes of our new Arc Light called— try to guess why— The Beast.

The Cool Science of SureFire

Science is cool at SureFire, a place where people wearing pocket protectors are welcome. Three doctors— none medical— work at SureFire, one of whom moonlights on the government's particle accelerator program. Eggheads thrive in the "engineering driven" atmosphere of our company where producing the very best illumination tools outweighs anything so mundane as sales or marketing considerations.

Consequently, SureFire lights are manufactured to stringent standards, utilizing a combination of state-of-the-art CNC machines and skilled handwork by experienced technicians. Only the finest materials are used. Most of our lights are made from aerospace-grade aluminum, hard anodized to Mil-Spec standards. Some models feature a non-conductive, corrosion-proof polymer body, made of a special material called Nitrolon that was developed specially for SureFire.

The key feature of a SureFire illumination tool is its incredible brightness. No other brand of flashlight approaches the power of a SureFire. The beam of a SureFire features a brilliant white center, radiating out smoothly to a subdued peripheral beam. The beam shape and consistency is the result of literally years of research and refinement.

Our incandescent lamp assemblies feature a tungsten filament in a high-pressure Xenon gas atmosphere set in a precisely focused, machined aluminum reflector. The incredible light produced by our custom designed lamps is focused in a reflector designed to produce the telltale SureFire beam.

The coating on the reflector is the result of a painstaking proprietary process that helps create the smooth, even beam signature for which SureFire is famous.

The window, or lens, in virtually all SureFire models is made from optically coated tempered Pyrex. Two of our Nitrolon models, designed for optimum performance at the most efficient price, feature Lexan windows.

The Patented Lock-Out Momentary Tail-Cap

Tactical usage of the combat light in a low-light environment requires one attribute above all others: a momentary on-off switch in a fumble-proof position.

That's why all of our lights, from the "mighty mite" E1e Executive to the robust M6 Magnum, have the same tail-cap switch. The tail-cap is the best place for a switch— it's easy to locate in the dark, requires no orientation of the light and is totally ambidextrous.

Additionally, a momentary tail-cap is the best tactical solution to low light combative problems as we have validated in countless engagements, both at the SureFire Institute and in the real-world. The tactic is simple— "light and move."

Movement is essential in a fluid, dynamic environment. Coupled with the disorienting effect of a SureFire light, an operator who can flank a assailant can overpower him. Outflank the enemy— an elementary tactic, from Hannibal to Patton.

Like fighter pilots attacking out of the sun, coming at your adversary from behind a wall of light is a huge tactical advantage.

Our patented lock-out tail-cap is O-ring sealed for waterproof performance. Twist it all the way down for constant light. Back it off for momentary control. Releasing pressure on the tail-cap acts as a "deadman's switch" so if an operator goes down, his flashlight does not stay on to illuminate his teammates.

How We Measure Light: Our Friend The Lumen

SureFire refers to a flashlight's light output with a unit of measure called a "lumen." Short for luminous flux, a lumen is a scientific measurement of the total amount of light emitted by a light source. "Candlepower" measures the single brightest spot of an overall light source. Candlepower can be a highly misleading indicator of the amount of light because only one tiny spot, the absolute brightest little dot of light, is what is measured. A good many flashlight companies intentionally use "candlepower" for just that very reason— it dupes the consumer into thinking some cheeseball $2.99 flashlight is brighter than it really is.

Photometrists— scientists who study light— consider the lumen a much more accurate indicator of a light's true power. SureFire is all about building the best illumination tools, engineered for superior performance. We use the lumen to give the consumer an accurate measure of the power of our lights.

SureFire lights range from 10 lumens to over 2,000 lumens. An ideal range for tactical purposes is between 60 and 500 lumens.

SureFire basics

Lies, Damn Lies And LEDs

Shocking as it may be, some manufacturers lie about their products. Lose weight without dieting! Earn extra money while you sleep! Buy the amazing LED flashlight that's bright enough to read the newspaper and runs for 200 hours on the same battery!

Ah yes, truth in advertising. Unfortunately for our sales department, SureFire believes in doing business honestly and openly, telling the unvarnished truth about our products. Accurately describing our products requires that we express the power of our flashlights in terms of lumens— the most accurate measurement of light. Other flashlight companies dupe their customers with misleading references to umpteen million "candlepower," failing to mention that it's a highly distorted indicator of the true amount of light.

SureFire simply will not bamboozle our loyal customers, which is a real problem now that we're introducing our first Light Emitting Diode (LED) line of flashlights in 2002. If other manufacturers have taken artistic license with "candlepower," they've taken the entire museum with LEDs.

Light emitting diodes are grossly misrepresented. They're those cool little thingamajigs in those handy keychain lights. You'll be told that they're good for hundreds of hours of light. But you won't be told that the amount of light is miniscule— and goes downhill from there.

The truth about LEDs is that they operate extremely efficiently at low power levels. Unlike tungsten filament lamps that work better with more juice, LEDs actually work more efficiently with less power. That's not to say that an LED puts out more light when its battery is virtually dead— it doesn't— but that perky little rascal will continue to emit some modicum of light. For a very, very long time.

Tungsten lamps run low on juice, they fade to yellow and die; LEDs run low on power, they just flex their little muscles and continue to work.

SureFire's honest representation of light emission says this about LEDs: those little keychain lights are good for maybe two lumens at first, then maybe one lumen as the battery goes down. And less than one lumen for all those "hundreds of hours" later.

Truthfully, SureFire's new LumaMax Series of LED flashlights emit 10 lumens for two and a half hours then, as the voltage fades, they continue to produce about four lumens of light for another 20 to 40 hours.

Will a SureFire LED eke out a lumen or two for "thousands of hours" after the battery is virtually dead? Yeah, there's some remnant light left many hours later, but to tell you that a SureFire is good for "hundreds of hours" is at best a gross misrepresentation and at worst a blatant lie.

And that's the real truth about LEDs.

New Technologies For 2002

Three entirely new lighting technologies highlight SureFire's new products for 2002. Heading the list is a new family of flashlights with Digital™ technology, a microprocessor controlled system that regulates the batteries to produce a consistent stream of light, from a brand-new fresh set all the way down to a set on its last legs.

SureFire is also introducing its first line of light emitting diode (LED) flashlights, which also feature the new Digital technology. The LumaMax™ Series features a new type of LED that is capable of significant light output— rated at 18 lumens versus one or two lumens from conventional LEDs.

Blending LEDs and traditional tungsten lamps is not entirely new for SureFire— we incorporate LED navigation lights on several of our WeaponLight™ systems— but for the first time, SureFire is combining LED illumination with a tungsten lamp in an exciting new model we call the Aviator. We call the marriage of LED and tungsten lights Digital Fusion™ Technology.

Designed for pilots, the Aviator features three LEDs in an E2e Executive-size body, plus the E2e's bright 60 lumen tungsten lamp. The three LEDs can be ordered in red, white, blue or green. An infrared version is available for military use. The Aviator features a two-position tail-cap switch, like our 10X Dominator model, to allow an airman to trigger just the low-output LEDs for map reading or checking his instruments, and then a harder press activates the bright tungsten light for performing a pre-flight check.

Last and far from least, SureFire has finally topped itself with an awesome new line of Arc Lights featuring a monster we simply call The Beast. Arc lights are even brighter than anything SureFire has ever made before— over 2,000 lumens of supernova white light.

Finally, SureFire continues its ongoing process of continuous improvement with a number of significant upgrades to existing products, such as a newly redesigned shotgun forend, a new Military model of our Handgun WeaponLight™, a new click-on momentary tail-cap for Special Operations models, additional models in the Millennium Universal System, and… phew, you better just sit back and enjoy reading about these and many more in the new 2002 SureFire Catalog.

6V Lamp
SUREFIRE

Lights… Action!

Lamp assemblies— bulbs, in layman's terms— are the very heart of SureFire's stunningly powerful beams. Every lamp design is custom made for SureFire, built to excruciatingly precise specifications by our chief electrical engineer. In order to produce the sort of light that shines from a SureFire, the lamps must perform at the maximum extreme of the envelope. An example: Tungsten, the filament material in our incandescent lamps, melts at 3,650° Kelvin— our lamps operate as close to that melting point as possible.

To run a lamp that close to the melting point requires some sophisticated tap-dancing on the part of our engineers. First, the lamps must be high-pressure filled with an inert gas called Xenon. Xenon has very large molecules and these beefy little guys act like offensive linemen— they block tungsten molecules from boiling off the filament. Xenon, incidentally, is the most expensive inert gas that can be used in a high-pressure lamp.

Some of our incandescent lamps are so hot that even an army of Xenon molecules cannot keep all the tungsten from boiling off the filament. When the tungsten molecules boil off, they migrate to the inside of the glass envelope and deposit themselves there, where is it relatively cooler than the 3,000° oven they just left.

SureFire can't have any of that. The tungsten will quickly coat the inside of the glass, blackening it completely, killing the light. How quickly? Nanoseconds. To combat these renegade tungsten runaways, SureFire engineers incorporated Halogen gas with the high-pressure Xenon in a certain ratio. During what's called the "Halogen cycle," those wayward tungsten molecules are transported back from the glass to the filament structure and redeposited.

A lot of cool science inside those hot lamps!

LumaMax LED

LumaMax Series lights are new for 2002, featuring a radically improved kind of light emitting diode (LED) called the Luxeon. Unlike conventional LEDs (read: weenie LEDs), SureFire's new LumaMax Series produces 18 lumens of very efficient light. Run-time is one and two hours respectively for the L1 and L2 LumaMax models. We also offer a KL1 conversion kit to convert Executive Elite series lights to LumaMax configuration.

Arc Lights

New for 2002, a High Intensity Discharge (HID) arc light debuts in SureFire's new Arc Light series, featuring The Beast. Arc lights create light by a flash of electricity between two electrodes. Of course it's really a lot more complicated than that, but suffice it to say that our new Arc Lights are to flashlights what the space shuttle is to airplanes. Only more.

lamp assemblies

Seeing The World Through Rose Colored Filters

SureFire beam-modifying accessories expand the range of applications of SureFire WeaponLights™ and hand-held lights. The filters change the light into either invisible infrared or to blue or red for subdued lighting. The beam-shaper is a diffuser that acts to broaden the SureFire beam to assist in reading ground signs if you are man-tracking or hunting.

Mounting a filter, beam-shaper or protective cover on the light is easy— simply slip the filter over the bezel. Press-on models are held by friction while Millennium models in the FM series are locked-down with a clever bezel mounting lock.

The lens lids are hinged and can be opened when you wish to deploy your white light. The lid snaps in the closed position and includes an additional lock for added assurance that the lens will stay closed. This added lock prevents unintended light from occurring during covert operations— a definite *faux pas* that we call a "white light AD."

filters and batteries

The Power Of SureFire

SureFire lithium batteries— made in the U.S.A.— are manufactured to the highest performance specifications. SureFire's electrical engineers specified the SureFire battery for maximum energy output and long life. SureFire lithium batteries have a 10 year shelf-life and can be relied upon to deliver their power in the most adverse conditions.

SureFire lithium batteries are available in bulk quantities from the factory, although Authorized SureFire Dealers carry carded two-packs and individual batteries.

SureFire lithium batteries are sold at much less mark-up than "battery company" batteries because SureFire wants to provide a reasonably priced, high-performance battery to power its unsurpassed flashlights and WeaponLights™.

SF123A: single battery (not sold by the factory)
SF12BB: 12-battery pack
SF24BB: two 12-battery packs (24 batteries)
SF24CB: 12 cards of two batteries per card
SF72BB: six 12-battery packs (72 batteries)

Filter Guide

Red Filter
Provides illumination while maintaining night-adapted vision. Invisible to deer and other wildlife.

Blue Filter
Helpful in detecting blood trails and provides illumination while maintaining night-adapted vision.

Infrared Filter
Blocks visible light, emitting infrared light that provides enhanced night vision device (NVD) resolution.

Beam-Shaper
Diffuses the light beam for broader coverage, ideal for close-up work such as tracking or whenever an intense beam center is not preferred.

Protective Cover
Protects the lens and prevents negligent or accidental light emission during covert operations.

Recoil-Proof Battery Sticks

Recoil plays hell on a battery, so SureFire developed a specially armored battery stick for use in its dedicated WeaponLights™. The worst abuse comes from 12 ga. shotguns— as seen with SureFire dedicated shotgun forends. The effect of two or three batteries slamming against one another during recoil can prove damaging to loose batteries, but the SureFire battery stick is recoil-proof. They come standard with all dedicated shotgun forends, but are not necessary with shock-isolated Millennium WeaponLights, which hold the batteries "individually" and protect them from recoil forces.

SUREFIRE
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digital series

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Digital technology applies to several different SureFire families, from the Executive Series to the CombatLight to several Special Operations models. Eventually, microprocessor controlled lights will be introduced throughout the SureFire line, including the WeaponLight line.

Consistent Light Consistently Bright

Digital™ flashlight technology is a startling break-through development from SureFire. New for 2002, this exciting new advance in illumination science is the result of SureFire's most ambitious R&D effort to date. A programmed microprocessor is at the heart of Digital Technology, allowing SureFire engineers to precisely meter the flow of current from the batteries to the lamp, resulting in a consistent level of light.

Batteries are like people— when they're fresh and new, they're stronger than when they're old and weak. As the batteries in a flashlight use up their power, the light becomes progressively weaker and weaker until, with a final gasp of rapidly fading yellow light, they die. This is the nature of batteries.

Now, with SureFire's new digitially controlled microprocessor to regulate the batteries, a consistent amount of juice is carefully doled out to the lamp. The light output remains steady and consistent for 60 minutes, but instead of suddenly shutting down like a conventional flashlight, a Digital Series flashlight is programmed to drop down to provide a low level of navigation light for another 15 minutes.

It's bright, SureFire bright, and suddenly your Digital Series CombatLight™ drops down a modest level. You drop to a knee and pull out your SureFire Spares Carrier with back-up batteries. No problem finding the Spares Carrier in your gear because you still have the low-level of microprocessor-metered light to work. Fresh batteries in hand, you douse the light momentarily to change to a fresh set.

Compare that to suddenly finding yourself in inky blackness as a conventional flashlight abruptly shuts off.

Digital Technology is clearly a superior illumination tool. Knowing you can count on a consistent beam— a bright, smooth SureFire beam no less— and then have 15 minutes of emergency light left after the batteries are drained, now that's a real break-through.

Digital Series Models & Features

C2D Digital Centurion

lamp (MD01):	25 lumens
run-time:	130 minutes
lamp (MD02):	60 lumens
run-time:	60 minutes
lamp (MD03):	120 lumens
run-time:	20 minutes
battery:	two SureFire lithium
finish:	Mil-Spec Type III hard anodize
window:	optically coated tempered Pyrex
bezel:	shock-isolated

M2D Digital Centurion

lamp (MD01):	25 lumens
run-time:	130 minutes
lamp (MD02):	60 lumens
run-time:	60 minutes
lamp (MD03):	120 lumens
run-time:	20 minutes
battery:	two SureFire lithium
finish:	Mil-Spec Type III hard anodize
window:	optically coated tempered Pyrex
bezel:	shock-isolated

L1 Digital LumaMax

LED:	13 lumens
run-time:	over 150 minutes
battery:	two SureFire lithium
finish:	Mil-Spec Type III hard anodize
window:	optically coated tempered Pyrex
bezel:	shock-isolated

L2 Digital LumaMax

LED:	13 lumens
run-time:	over 150 minutes
battery:	two SureFire lithium
finish:	Mil-Spec Type III hard anodize
window:	optically coated tempered Pyrex
bezel:	shock-isolated

A2 Digital Fusion Aviator

lamp:	LED fusion with MA01
run-time:	2 hours (LED) 1 hour MA02
battery:	two SureFire lithium
finish:	Mil-Spec Type III hard anodize
window:	optically coated tempered Pyrex

Digital models sport distinctive new bezel flutes and accents.

L2 DIGITAL LUMAMAX

LED lights

EXECUTIVE ELITE E2e

Digital LumaMax™ Models & Features

	L1 Digital LumaMax	L2 Digital LumaMax	KL1 LumaMax Conversion
LED:	10 to 20 lumens*	10 to 20 lumens*	10 to 20 lumens*
run-time:	one hour at full power	two hours at full power	one hour (E1e) or two hours (E2e)
battery:	one SureFire lithium	two SureFire lithium	one (E1e) or two (E2e) lithium
finish:	Mil-Spec Type III hard anodize	Mil-Spec Type III hard anodize	Mil-Spec Type III hard anodize
window:	tempered Pyrex	tempered Pyrex	tempered Pyrex
features:	Digital Technology lock-out tail-cap stainless steel pocket clip	Digital Technology lock-out tail-cap stainless steel pocket clip	converts E1e or E2e to LumaMax

* The LumaMax's exact output was not precisely measured in SureFire's research lab by the printing deadline for this catalog.

LumaMax™ is SureFire's new entry into the light emitting diode (LED) class of lighting tools. The LumaMax Series utilizes a brand-new kind of LED that, quite frankly, is the first LED that meets SureFire's standards for a hand-held illumination tool. Those dime store keychain LED lights, with their pathetic one or two lumens of output, are not exactly in keeping with SureFire's expectations for performance.

At last, an LED called the Luxeon™ has been developed that finally offers a level of useful light— good enough for SureFire to engineer into an illumination tool. Featured in our new LumaMax Series, the Luxeon LED is rated to produce between 13 and 20 lumens. By comparison, our E1e Executive with a conventional tungsten filament lamp emits 15 lumens.

The benefit of LED-based flashlights is that the nature of the light emitting diode is such that it performs more efficiently at low power. Translated into layman's terms, an LED can run for a very long time.

Additionally, SureFire is incorporating its break-through Digital Technology™ in the LumaMax Series. Digital Technology was developed by SureFire engineers to produce a steady, consistent level of light output no matter how fresh or old the batteries. Using a microprocessor to control the flow of current, Digital flashlights also feature a two-position tail-cap switch to trigger either a low or high level of light, like our 10X Dominator's tail-cap.

SureFire's new LumaMax Series, featuring Digital Technology, comes in two models, the L1 LumaMax and the L2 LumaMax, using one and two SureFire lithium batteries respectively. Additionally, a LumaMax conversion kit for the Executive Series is available, our model KL1.

Also using LEDs, but not the Luxeon unit, is the new LED conversion bezel and lamp assembly, the KL2, for the Special Operations M3 CombatLight. This accessory combines 19 separate LEDs for a useful, broad-beam walk-around light. Neither the M3 conversion nor any of the LumaMax Series are considered suitable for tactical applications. As functional as even SureFire's state-of-the-art LEDs might be, they simply do not have the eye-blistering power necessary for a tactical light.

Facing Page

The KL1 accessory converts either an E1e or E2e Executive to accept a Lumamax bezel and lamp.

The Incredible 19-Head LED Monster

Transform an M3 CombatLight into an LED titan with our new 19-head LED conversion head. Utilizing solid state light emitting diodes, the new KL2 LED bezel assembly produces a very useful 25 lumens of general-purpose light, and runs for approximately four hours, tapering off for more of those eons and eons of light promised by other LED manufacturers.

Truthfully, the KL2 LED bezel is not even remotely suitable for tactical applications. It is incapable of disorienting an opponent with the sheer force of blinding white light. The beam is too diffuse and there are simply not enough lumens to cause reflexive light-response in a suspect.

That's the bad news; the good news is that a KL2-modified M3 is perfect for everything the powerful CombatLight is not— looking around the attic, working under a car hood, hiking along a trail, all the sorts of tasks for which you might otherwise affix a beam-shaper filter to a standard M3 to purposely diffuse the light. Only now you get long LED run-time instead of the usual 60 or 20 minutes from a standard M3 tungsten lamp.

Digital Fusion Technology

Blending LEDs and traditional tungsten lamps is not entirely new for SureFire— we incorporate LED navigation lights on several of our WeaponLight™ systems— but for the first time, SureFire is combining LED illumination with a tungsten filament incandescent lamp in an exciting new model called the Aviator. We call the marriage of LED and tungsten lights Fusion™ Technology.

Designed for pilots, the Aviator features three LEDs in an E2e Executive-size body, plus the E2e's bright 60 lumen tungsten lamp. The three LEDs can be ordered in red, white, blue or green. An infrared version is available for military use. The Aviator features a two-position tailcap switch, like 10X Dominator, to allow an airman to trigger just the low-output LEDs for map reading or checking his instruments, and then a harder press activates the bright tungsten light for performing a pre-flight check.

The Aviator is also an ideal pocket light for hunters. Walking to a deer stand before sunrise, a hunter can utilize the red LED as a low-output navigation light. Deer cannot see light in the red spectrum. Order another one with blue LEDs and the Aviator becomes an excellent tracking light. SureFire's police customers long ago found that using blue light to search for clues at a crime scene help the investigator to see blood spots. Blood stands out prominently under blue light.

Fusion Technology, led by the new Aviator, is destined to become one of SureFire's most significant contributions to the improvement of illumination tools.

World's First Crew-Served Flashlight

Only SureFire would dream up something like this… and then actually make it. When our engineers trotted out a prototype of a massive new search-and-rescue light— the most powerful flashlight SureFire has ever made— one of our SureFire Institute trainers deadpanned, "You finally did it. A crew-served flashlight."

Meet The Beast, an awesomely powerful new flashlight designed for installation security, search-and-rescue applications, long-range surveillance and, in a pinch, intergalactic signaling.

Essentially, The Beast is a High Intensity Discharge (HID) automotive headlight in an aluminum housing. If other SureFire flashlights are dazzling, The Beast is scorching. As another SureFire wag put it, "It's nearest competitor is 93 million miles away."

Technically, The Beast is a Xenon-arc HID lamp. Light is generated in an arc lamp when a spark of electricity jumps between two electrodes— that's the "arc" in Xenon-arc. As electricity is first transmitted between the electrodes, gas inside the lamp is ionized, causing the arc to strike. Once the arc is struck, it takes a brief moment for the materials in the lamp to vaporize and then… photon torpedoes away!

Suddenly, it's bright. You notice this as the light turns to a brilliant blue-white color. The whole process, from striking the arc to the flash of sizzling blue-white light, takes but a few seconds.

Once The Beast's arc is struck, look out. The lumen output is so staggeringly outrageous that, quite honestly, SureFire engineers have not yet precisely measured the power. Our chief electrical engineer— a photometrist with a Ph. D. in electrical engineering with over 20 years at SureFire— estimates the output at 2,500 lumens.

That's five times more powerful than our previous champion, the M6 Magnum!

The Beast is so incredibly bright that it completely defeats the most impenetrable darkness. It bathes in shining white light an object in the deepest shadows— 600 yards away!

For search-and-rescue work, The Beast has no peer. For long-range threat identification, The Beast peels away the cover of night. For maritime navigation, The Beast reveals the most treacherous shoals.

You name the lighting problem, and SureFire offers an illumination tool to solve it. Even if we have to turn loose The Beast.

arc lights

Shown in Mil-Spec Type III hard anodized finish, the Executive Elite Series is also available with a satin gray Type II anodized finish. A choice of Pyrex or Lexan windows is also available.

executive series

Upgraded for 2002, the Executive Series now features enhancements previously unavailable. The improvements are so distinctive that we decided to designate the series with new nomenclature to set them apart. Meet the new Executive Elite Series.

There are two basic versions— one-battery and two-battery models— called the E1e and E2e respectively. Additionally, there are two finishes and windows. The deluxe models boast a Mil-Spec Type III hard anodized finish and a tempered Pyrex window with a proprietary anti-reflective coating. Standard models utilize a Type II satin gray anodizing and a Lexan window.

Discreet yet powerful, Executive Elite lights are the handy companions you need in purse or pocket. Producing 60 lumens of power in the two-battery version or 15 lumens in the single-battery version, the Executive Elite Series presents a remarkably effective lighting tool in an astonishingly compact envelope.

The Executive Elite comes with a stainless steel pocket clip that attaches to a newly redesigned body. The slot for the pocket clip can be used to attach other accessory devices, such as a bicycle handlebar mount, that will be available from SureFire in the future.

Another improvement to the new 2002 Executive Elite is the inclusion of SureFire's patented lock-out tail-cap featuring a watertight momentary switch. Rotate the tail-cap all the way down for constant illumination, back it out a half-turn for momentary light or continue backing it out one full turn to disable the light. No more danger of running down your batteries if you pack your E2e in an overnight bag.

SureFire offers red and blue filters, as well as a diffusing beam-shaper, for the Executive Elite Series. Ideal for hunters, an E2e with a red filter can be used to walk to a deer blind before sunrise. (Deer cannot see light in the red spectrum.) The blue filter was originally designed for homicide detectives to search for clues at a crime scene— blood is easily seen under blue light— but hunters also can snap-on a blue filter for tracking wounded game. The beam-shaper diffuses the beam to make searching for ground sign easier too.

The E2e Executive Elite with its brilliant 60 lumen power is capable of disorienting an opponent in a low-light environment. Like all SureFire products, the Executive Elite is the best in its class.

Indoors in subdued light, the E2e can temporarily blind an attacker, even if momentarily, allowing the chance to counter-attack. In this role-playing demonstration, SureFire Institute deputy director Vaughn Baker pops his E2e into the "bad guy's" eyes. Note the reflexive shutting of the eyelids, an instinctive response to a sudden bright light.

Vaughn follows with a palm strike to the chin. In the SureFire Institute's empty-hand combative training, the palm strike is favored over the fist for a variety of reasons.

All that being said, there is one thing that counts above all else in a fight: mindset.

The E2e Executive Elite with hard anodizing is corrosion-resistant thanks to its tough Mil-Spec finish. The lock-out tail-cap makes it waterproof too.

The satin gray finish of Type II anodizing is available on both the E1e and E2e, shown here on the previous E2 model before the new 2002 enhancements were added to the Executive Series.

Executive Series Models & Features

E1e-SG

lamp:	15 lumens
run-time:	90 minutes
battery:	one SureFire lithium
finish:	Type II anodize satin gray
window:	Lexan

E1e-HA

lamp:	15 lumens
run-time:	90 minutes
battery:	one SureFire lithium
finish:	Mil-Spec Type III hard anodize
window:	optically coated tempered Pyrex

E2e-SG

lamp:	60 lumens
run-time:	75 minutes
battery:	two SureFire lithium
finish:	Type II anodize satin gray
window:	Lexan

E2e-HA

lamp:	60 lumens
run-time:	75 minutes
battery:	two SureFire lithium
finish:	Mil-Spec Type III hard anodize
window:	optically coated tempered Pyrex

SUREFIRE

personal lights

SF123A
3 VOLT
SUREFIRE
LITHIUM BATTERY
MAXIMUM POWER
SF123A
3 VOLT
SUREFIRE
LITHIUM BATTERY
SUREFIRE 6P
388 P-SARK
PAT NO 5,878,500
EMERSON
USA
2001

A Personal Question

Everyone needs a good flashlight. You might not be a high-speed, low-drag Special Forces operator or an entry man on a SWAT team, but you can still benefit from the uncompromising performance of a SureFire. Looking for something under the bed? Lost a contact lens? Need to peek into that dark spot? You need a good light. In fact, you need a SureFire Personal Light.

Encompassing a broad array of models with a variety of features and prices, the category we call Personal Lights is certainly the most useful— dare we say, practical— of all of SureFire's products. Not as exciting perhaps as the Special Operations Series, but nonetheless just as valuable.

The original 6P Classic model (shown on the facing page) is the cornerstone of the Personal Light series. Featuring all machined parts from aerospace-grade aluminum, the 6P Classic runs on two SureFire lithium batteries and operates with either the supplied P60 lamp assembly, good for 65 diamond-bright lumens, or the optional P61 lamp assembly that churns out 120 sizzling lumens of light. The 6P Classic boasts a hexagonal anti-roll bezel, patented lock-out tail-cap and a Lexan window. The 6P Classic was the first hand-held flashlight produced by SureFire, dating from 1987, and remains a best-seller.

Running on identical lamp assemblies, the G2 Nitrolon model is a more affordable version of the 6P Classic. It boasts the same features with the exception of a Lexan window in place of Pyrex. The G2 Nitrolon body is made of a proprietary polymer material that is totally impervious to chemical corrosion and is non-conductive. Available in tactical black, olive drab or emergency yellow, the G2 Nitrolon represents the "best buy" in the SureFire line of Personal Lights.

Take a 6P Classic, add a stainless steel pocket clip, voila, you have the Defender model. The Defender comes in a two-battery D2 model with the same lamp assemblies as the 6P Classic or a three-battery D3 model that comes with a P90 lamp assembly producing 105 lumens. An optional P91 lamp assembly can be purchased, kicking in the afterburner of the D3 Defender to 200 lumens.

A good argument could be made that the Executive Series and CombatLight™ Series are also part of the Personal Light family, however, we have chosen to cover those separately in this catalog. Please refer to the respective section to see the details about the Executive, Centurion and CombatLight models.

A rechargeable accessory kit and adapter are also available to convert a G2 Nitrolon model to accept a SureFire rechargeable battery.

SureFire offers more two-battery models than any other configuration. The models stretch across the full product line, as shown from left to right:
M2 Centurion from the Special Operations Series
6P Classic from the Personal Light Series
G2 Nitrolon from the Personal Light Series
C2 Centurion from the CombatLight Series
Z2 CombatLight from the CombatLight Series
G2Z Nitrolon CombatLight from the CombatLight Series
E2e Executive Elite from the Executive Series

Personal Light Models & Features

D2 Defender

P60 lamp:	65 lumens
optional P61 lamp:	120 lumens
P60 run-time:	60 minutes
P61 run-time:	20 minutes
battery:	two SureFire lithium
finish:	Type II anodize tactical black
window:	Lexan

D3 Defender

P90 lamp:	105 lumens
optional P91 lamp:	200 lumens
P90 run-time:	60 minutes
P91 run-time:	20 minutes
battery:	three SureFire lithium
finish:	Type II anodize tactical black
window:	Lexan

6P Classic

P60 lamp:	65 lumens
optional P61 lamp:	120 lumens
P60 run-time:	60 minutes
P61 run-time:	20 minutes
battery:	two SureFire lithium
finish:	Type II anodize tactical black
window:	Lexan

9P Classic

P90 lamp:	105 lumens
optional P91 lamp:	200 lumens
P90 run-time:	60 minutes
P91 run-time:	20 minutes
battery:	three SureFire lithium
finish:	Type II anodize tactical black
window:	Lexan

G2 Nitrolon

P60 lamp:	65 lumens
optional P61 lamp:	120 lumens
P60 run-time:	60 minutes
P61 run-time:	20 minutes
battery:	two SureFire lithium
material:	Nitrolon polymer
color:	emergency yellow olive drab tactical black
window:	Lexan

RECHARGEABLE NI-CD BATTERY
COMMANDER 8AX
SUREFIRE

advanced rechargeables

Constant power, ready when you need it— that's the hallmark of a rechargeable flashlight. Only SureFire's four models of Advanced Rechargeables are capable of blinding brilliance while at the same time offering the cost-savings of instant repowering.

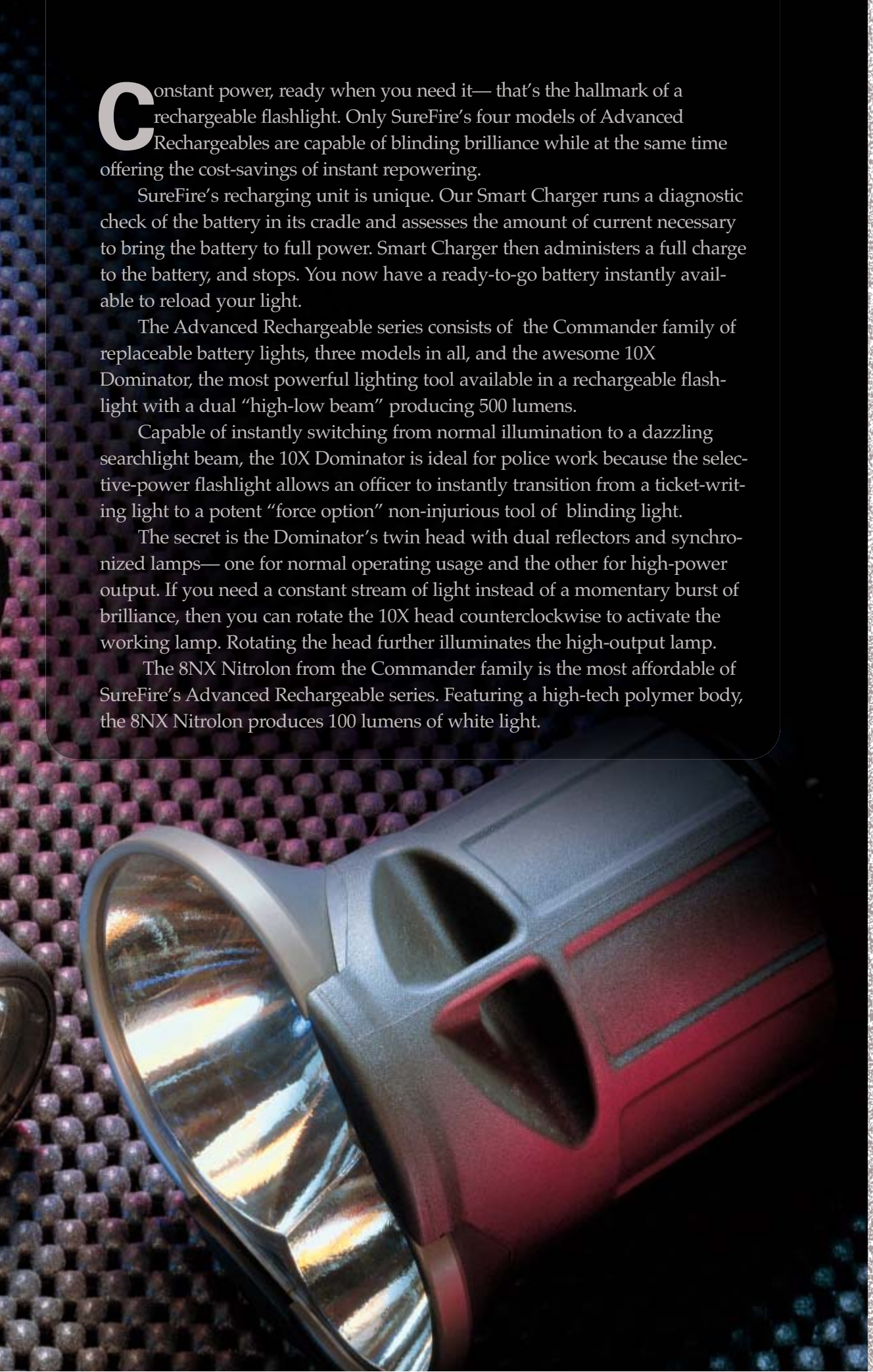
SureFire's recharging unit is unique. Our Smart Charger runs a diagnostic check of the battery in its cradle and assesses the amount of current necessary to bring the battery to full power. Smart Charger then administers a full charge to the battery, and stops. You now have a ready-to-go battery instantly available to reload your light.

The Advanced Rechargeable series consists of the Commander family of replaceable battery lights, three models in all, and the awesome 10X Dominator, the most powerful lighting tool available in a rechargeable flashlight with a dual "high-low beam" producing 500 lumens.

Capable of instantly switching from normal illumination to a dazzling searchlight beam, the 10X Dominator is ideal for police work because the selective-power flashlight allows an officer to instantly transition from a ticket-writing light to a potent "force option" non-injurious tool of blinding light.

The secret is the Dominator's twin head with dual reflectors and synchronized lamps— one for normal operating usage and the other for high-power output. If you need a constant stream of light instead of a momentary burst of brilliance, then you can rotate the 10X head counterclockwise to activate the working lamp. Rotating the head further illuminates the high-output lamp.

The 8NX Nitrolon from the Commander family is the most affordable of SureFire's Advanced Rechargeable series. Featuring a high-tech polymer body, the 8NX Nitrolon produces 100 lumens of white light.



LASER PRODUCTS, FOUNTAIN VALLEY, CA 92708
POLICE
SAN COMMANDER
SAX COMMANDER
SUREFIRE
MODEL B90
L28
L26
L24

Battle of the Batteries: Rechargeable vs. Lithium

Understand this very important fact about rechargeable batteries—all rechargeable batteries self-discharge. After a period of time, rechargeables go flat, they run dry, they give up the ghost. Regardless of manufacture, brand or application, rechargeables self-drain. All by themselves, without even being switched on. This is true of nickel-cadmium, nickel-metal-hydride or any other kind of rechargeable battery— they just die.

On the other hand, lithium batteries are just as strong and full of energy six months or six years after you load them. In fact, a SureFire lithium battery (standard size: SF123) has a 10 year shelf-life. Lithium batteries last and last and last.

This is an important distinction and it's the reason why SureFire strongly cautions against the use of rechargeable-powered lights for tactical applications.

Conversely, lithium batteries can be trusted to deliver their full potency for up to 10 years. That's why all of our WeaponLights are powered by SureFire lithium batteries. You can depend on your dedicated WeaponLight on your Remington 870, leaning by your bed. You can remain confident that your lithium-powered SureFire will be ready when you need it.

10X Dominator

Advanced Rechargeables Models & Features

8NX Commander

X80 lamp:	110 lumens
run-time:	50 minutes
battery:	SureFire nickel cadmium
finish:	Nitrolon polymer
window:	Lexan

8AX Commander

X80 lamp:	110 lumens
run-time:	50 minutes
battery:	SureFire nickel cadmium
finish:	anodized aluminum
window:	Lexan

9AN Commander

N90 high beam:	140 lumens
N90 low beam:	20 lumens
low beam run-time:	120 minutes
high beam run-time:	40 minutes
battery:	SureFire nickel cadmium
finish:	Mil-Spec hard anodize
window:	Lexan

10X Dominator

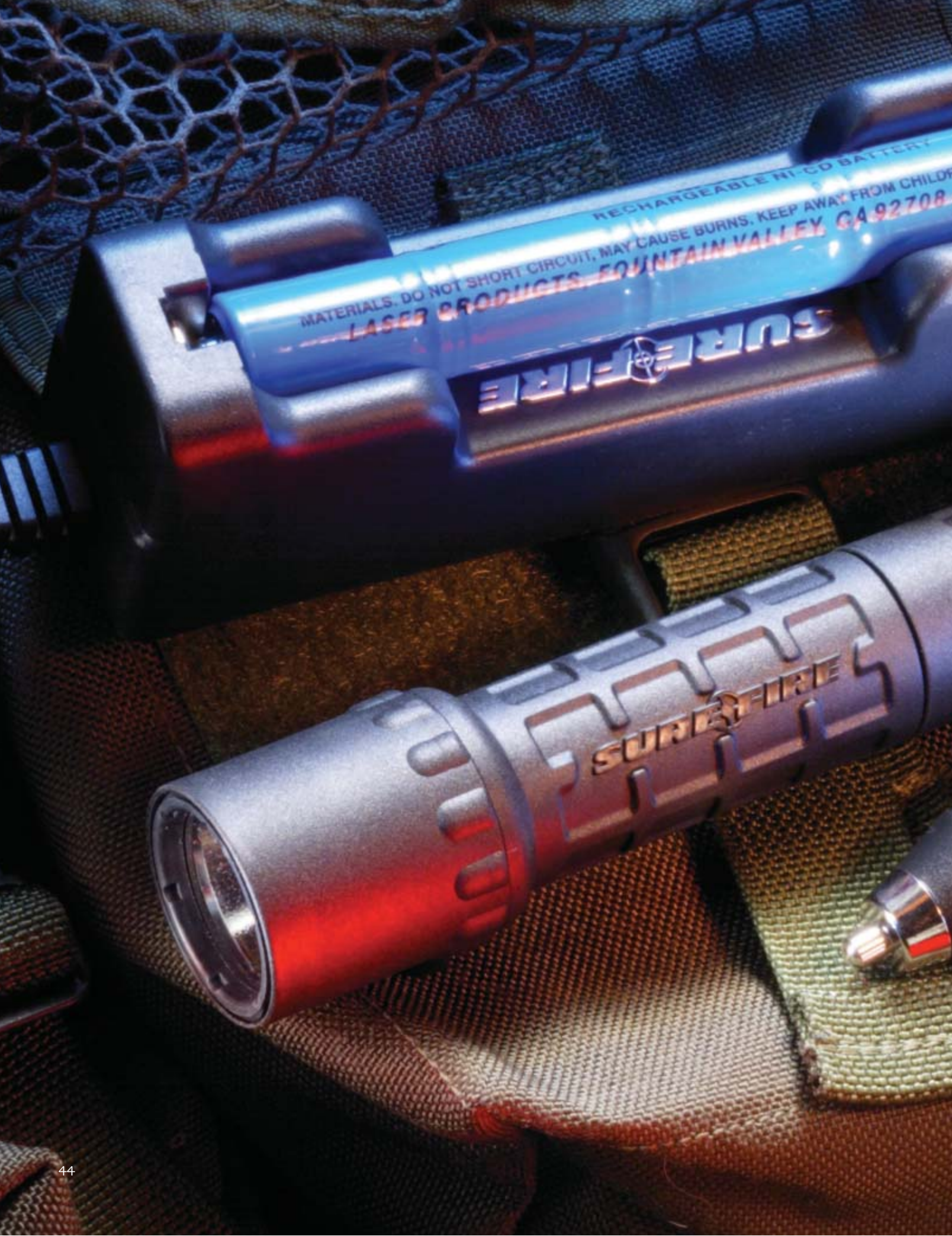
MN30 high beam:	60 lumens
MN31 low beam:	500 lumens
low beam run-time:	180 minutes
high beam run-time:	18 minutes
battery:	SureFire nickel cadmium
finish:	aluminum and polymer
window:	tempered Pyrex

6NR Nitrolon

P60 lamp:	65 lumens
run-time:	60 minutes
optional P61 lamp:	120 lumens
P61 run-time:	20 minutes
battery:	B65 SureFire nickel cadmium
finish:	Nitrolon polymer
window:	Lexan

6R Classic

P60 lamp:	65 lumens
run-time:	60 minutes
optional P61 lamp:	120 lumens
P61 run-time:	20 minutes
battery:	B65 SureFire nickel cadmium
finish:	Type II anodized black
window:	Lexan


RECHARGEABLE NI-CD BATTERY
MATERIALS. DO NOT SHORT CIRCUIT, MAY CAUSE BURNS, KEEP AWAY FROM CHILDR
LASER PRODUCTS, FOUNTAIN VALLEY, CA 92708
SUREFIRE
SUREFIRE

A rechargeable version of the affordable G2 Nitrolon is new for 2002, model 6NR.

Advanced Rechargeables Models & Features

8NX Commander

X80 lamp:	110 lumens
run-time:	50 minutes
battery:	SureFire nickel cadmium
finish:	Nitrolon polymer
window:	Lexan

8AX Commander

X80 lamp:	110 lumens
run-time:	50 minutes
battery:	SureFire nickel cadmium
finish:	anodized aluminum
window:	Lexan

9AN Commander

N90 high beam:	140 lumens
N90 low beam:	20 lumens
low beam run-time:	120 minutes
high beam run-time:	40 minutes
battery:	SureFire nickel cadmium
finish:	Mil-Spec Type III hard anodize
window:	Lexan

10X Dominator

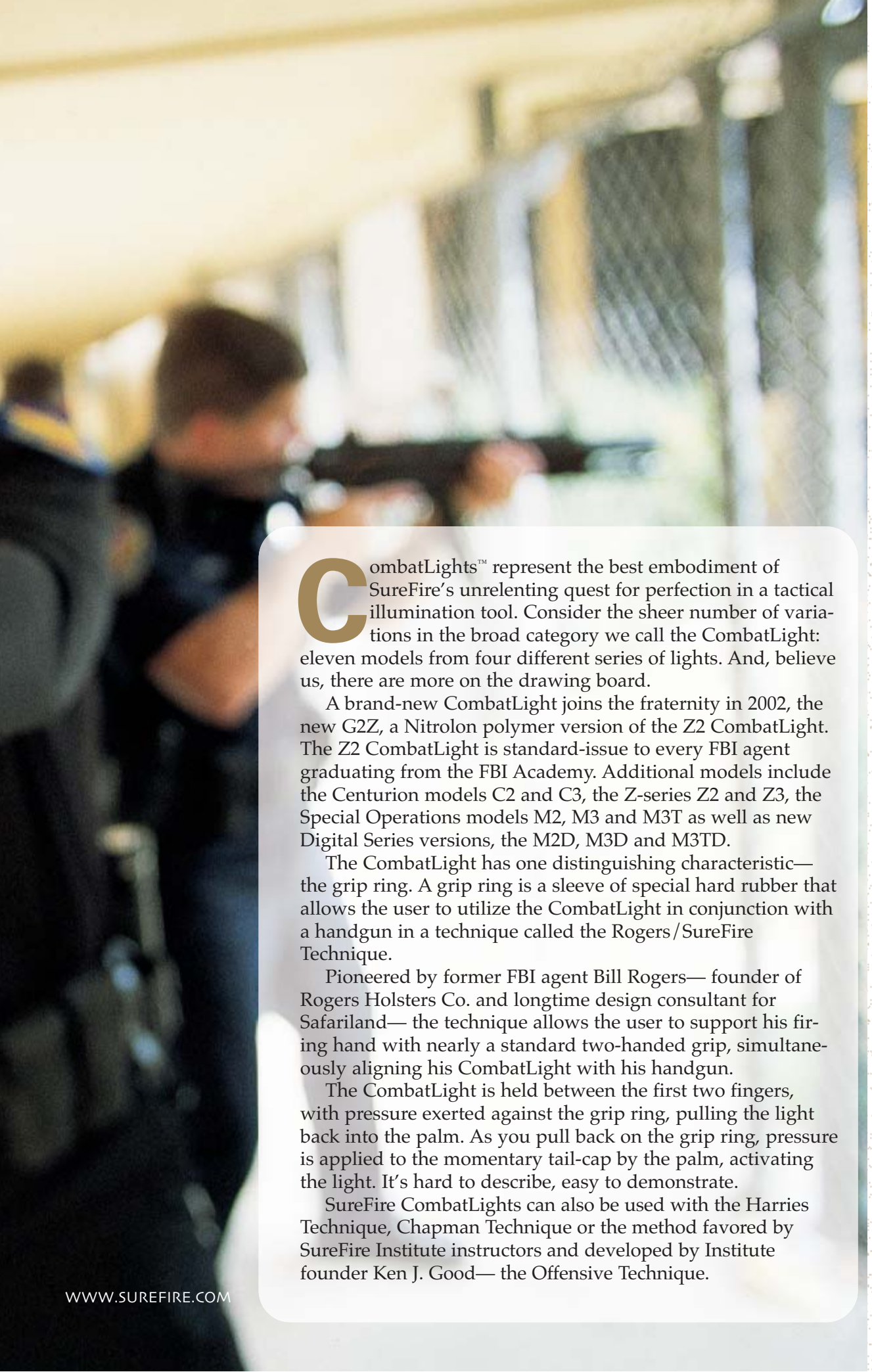
MN30 low beam:	60 lumens
MN31 high beam:	500 lumens
low beam run-time:	180 minutes
high beam run-time:	18 minutes
battery:	SureFire nickel cadmium
finish:	aluminum and polymer composite
window:	tempered Pyrex

6NR Nitrolon

P60 lamp:	65 lumens
run-time:	35 minutes
battery:	B65 SureFire nickel cadmium
finish:	Nitrolon polymer
window:	Lexan

6R Classic

P60 lamp:	65 lumens
run-time:	35 minutes
battery:	B65 SureFire nickel cadmium
finish:	Type II anodized tactical black
window:	Lexan



CombatLights

CombatLights™ represent the best embodiment of SureFire's unrelenting quest for perfection in a tactical illumination tool. Consider the sheer number of variations in the broad category we call the CombatLight: eleven models from four different series of lights. And, believe us, there are more on the drawing board.

A brand-new CombatLight joins the fraternity in 2002, the new G2Z, a Nitrolon polymer version of the Z2 CombatLight. The Z2 CombatLight is standard-issue to every FBI agent graduating from the FBI Academy. Additional models include the Centurion models C2 and C3, the Z-series Z2 and Z3, the Special Operations models M2, M3 and M3T as well as new Digital Series versions, the M2D, M3D and M3TD.

The CombatLight has one distinguishing characteristic—the grip ring. A grip ring is a sleeve of special hard rubber that allows the user to utilize the CombatLight in conjunction with a handgun in a technique called the Rogers/SureFire Technique.

Pioneered by former FBI agent Bill Rogers— founder of Rogers Holsters Co. and longtime design consultant for Safariland— the technique allows the user to support his firing hand with nearly a standard two-handed grip, simultaneously aligning his CombatLight with his handgun.

The CombatLight is held between the first two fingers, with pressure exerted against the grip ring, pulling the light back into the palm. As you pull back on the grip ring, pressure is applied to the momentary tail-cap by the palm, activating the light. It's hard to describe, easy to demonstrate.

SureFire CombatLights can also be used with the Harries Technique, Chapman Technique or the method favored by SureFire Institute instructors and developed by Institute founder Ken J. Good— the Offensive Technique.

CombatLights include three models from the Special Operations Series (top to bottom) the M3T with a TurboHead bezel, the M3 CombatLight and the M2 Centurion.

Digital M2D CombatLight Features

M2D Digital Centurion

lamps:	MD01	MD02	MD03
lumens:	25	60	120
run-time:	130 minutes	60 minutes	20 minutes
battery:	two SureFire lithium		
finish:	Mil-Spec Type III hard anodize		
window:	optically coated tempered Pyrex		
bezel:	shock-isolated		

Finished in tactical black color with a Type II anodizing, the CombatLight series offers both two- and three-battery models with stainless steel pocket clips.

From the Millennium Special Operations Series, the M2 Centurion features a grip ring for utilizing the Rogers/SureFire Technique of shooting a handgun in conjunction with a flashlight.

CombatLight Models & Features

C2 Centurion

P60 lamp:	65 lumens
optional P61 lamp:	120 lumens
P60 run-time:	60 minutes
P61 run-time:	20 minutes
battery:	two SureFire lithium
finish:	Type II anodize tactical black
window:	tempered Pyrex

C3 Centurion

P90 lamp:	105 lumens
optional P91 lamp:	200 lumens
P90 run-time:	60 minutes
P91 run-time:	20 minutes
battery:	three SureFire lithium
finish:	Type II anodize tactical black
window:	tempered Pyrex

Z2 CombatLight

P60 lamp:	65 lumens
optional P61 lamp:	120 lumens
P60 run-time:	60 minutes
P61 run-time:	20 minutes
battery:	two SureFire lithium
finish:	Type II anodize tactical black
window:	tempered Pyrex

Z3 CombatLight

P90 lamp:	105 lumens
optional P91 lamp:	200 lumens
P90 run-time:	60 minutes
P91 run-time:	20 minutes
battery:	three SureFire lithium
finish:	Type II anodize tactical black
window:	tempered Pyrex

M2 Centurion

P60 lamp:	65 lumens
optional P61 lamp:	120 lumens
P60 run-time:	60 minutes
P61 run-time:	20 minutes
battery:	two SureFire lithium
finish:	Mil-Spec Type III hard anodize
window:	tempered Pyrex
bezel:	shock-isolated

M3 CombatLight

MN10 lamp:	125 lumens
MN11 lamp:	225 lumens
MN10 run-time:	60 minutes
MN11 run-time:	20 minutes
battery:	three SureFire lithium
finish:	Mil-Spec Type III hard anodize
window:	tempered Pyrex
bezel:	shock-isolated

M3T TurboHead CombatLight

MN10 lamp:	125 lumens
MN11 lamp:	225 lumens
MN10 run-time:	60 minutes
MN11 run-time:	20 minutes
battery:	three SureFire lithium
finish:	Mil-Spec Type III hard anodize
window:	tempered Pyrex
bezel:	TurboHead shock-isolated

G2Z CombatLight

New for 2002, a Nitrolon polymer version of the legendary Z2 CombatLight joins the SureFire team. Designated the G2Z, the new model features a lock-out tail-cap, a lanyard ring and a grip ring.

The G2Z CombatLight duplicates the performance and features of the best-selling Z2 model, except with cost-saving components made of SureFire's proprietary Nitrolon polymer material.

Impervious to corrosion and chemical damage, Nitrolon was developed for hard-use applications. It is non-conductive, making it suitable for certain demolition and electrical uses.

The G2Z CombatLight comes with the workhorse P60 lamp assembly, good for 65 lumens and one hour of run-time. An optional P61 super-bright lamp assembly can be purchased separately, boosting the power to a hot 110 lumens with 20 minutes of high-intensity run-time.

As a cousin to the famous Z2 CombatLight, the new G2Z inherits a mantle of no-compromise performance that led to the Z2 becoming standard issue to every FBI agent graduating from the FBI Academy. But with the Z2's pedigree for success, the G2Z will become the next standard by which hard-use tactical lights are measured.

The new G2Z CombatLight duplicates the features and performance of the legendary Z2 CombatLight, but instead of CNC machined aerospace-grade aluminum construction, the G2Z utilizes a more affordable Nitrolon polymer material.

G2Z CombatLight Features

G2Z CombatLight	
P60 lamp:	65 lumens
optional P61 lamp:	120 lumens
P60 run-time:	60 minutes
P61 run-time:	20 minutes
battery:	two SureFire lithium
finish:	black Nitrolon polymer
window:	tempered Pyrex

Millennium
M3 COM

special operations

Millennium Special Operations lights live in rarified air, at the pinnacle of the SureFire pyramid. Loaded with tactical features, these top-of-the-line flashlights are built with the same rugged shock-isolated lamp assemblies used on SureFire WeaponLights™, built to withstand the punishing effects of heavy recoil. Sharing common parts with our Millennium Series of WeaponLights, such as the M900 Vertical Grip and the Millennium Universal System, Special Operations lights are the logical choice as a back-up for your primary light attached to your firearm.

Their tail-caps, lamp assemblies and even some of the housings are interchangeable with WeaponLight components. They use the same accessory filters and lithium batteries as their WeaponLight counterparts.

Thoroughly tested, Special Operations lights are O-ring sealed for waterproof performance. Mil-Spec Type III hard anodizing is used to give the Special Operations lights the most durable finish available. Tempered Pyrex windows, optically treated with anti-reflective coatings, are used on all Special Operation lights except the M1 Infrared Illuminator.

Most importantly, Special Operations lights produce a blindingly bright, flawlessly focused beam— SureFire's signature of beam quality. All models come with lock-out tail-caps to prevent accidentally running down the batteries.

The standard lock-out tail-cap is SureFire's trademark momentary push-button design, created especially for tactical circumstances in which "snapshots" of rapid on-off lighting is the preferred strategy. Another tactical plus: SureFire's tail-cap can be instantly located in the dark, unlike body-mounted switches.

There are six models in the Special Operations Series of hand-held tactical lights. The M1 Infrared Illuminator is a special-purpose tactical flashlight for use with night vision devices. It emits an invisible infrared beam.

The M2 Centurion is a six-volt CombatLight with a grip ring for utilizing the Rogers/SureFire Technique with a handgun. A favorite with Naval Special Warfare and other waterborne forces, the M2 is waterproof to over 100 feet. It can produce 65 or 120 lumens, depending on lamp assembly choice.

The M3 CombatLight is the hands-down favorite of SWAT teams and other high-risk operators. It comes with a grip ring and two lamp assemblies good for 125 or 225 lumens of dazzlingly bright SureFire light. There is also a TurboHead version of the M3, the M3T, that comes with the larger 2.5" TurboHead bezel.

The M4 Devastator is an astonishingly powerful 12 volt tactical light with an amazing 225 or 350 lumens of scorching white light. It also features shock-isolated lamp assemblies and double O-ring construction.

The M6 Magnum is the king of the lumen hill with the capability to produce 500 retina-searing lumens. It comes with a 250 and 500 lumen lamp assembly and utilizes a unique quick-change battery magazine holding six SureFire lithium batteries.

Go with the best SureFire can make, go with a Special Operations light.

The M1 Infrared Illuminator is designed for use with night vision devices.

Millennium Series
M6 MAGNUMLIGHT
Millennium Series
M4 DEVASTATOR
Millennium Series
M3T COMBATLIGHT
Millennium Series
M3 COMBATLIGHT
Millennium Series
M2 CENTURION

Our new click-on tail-cap is shown on these M3 CombatLights. The switch, which is recessed in a protective hard rubber casing, must be intentionally pressed for constant-on illumination. Otherwise, normal momentary-on activation is afforded in the usual SureFire mode. There are two styles of switches shown: the beefy knurled version is designed for the Millennium Universal System , while the smooth-bodied version is intended for Special Operations hand-held lights. Both work on both systems.

Special Operations Lights
Models & Features

M1 Infrared Illuminator

lamp:	infrared LED
run-time:	8 hours
battery:	one SureFire lithium
finish:	Mil-Spec Type III hard anodize
window:	Lexan

M2 Centurion

P60 lamp:	65 lumens
P61 lamp:	120 lumens
P60 run-time:	60 minutes
P61 run-time:	20 minutes
battery:	two SureFire lithium
finish:	Mil-Spec Type III hard anodize
window:	optically coated tempered Pyrex
bezel:	shock-isolated
special features:	waterproofed with O-ring seals parachute cord lanyard included hard rubber grip ring

M3 CombatLight

MN10 lamp:	125 lumens
MN11 lamp:	225 lumens
MN10 run-time:	60 minutes
MN11 run-time:	20 minutes
battery:	three SureFire lithium
finish:	Mil-Spec Type III hard anodize
window:	optically coated tempered Pyrex
bezel:	shock-isolated
special features:	waterproofed with O-ring seals parachute cord lanyard included hard-rubber grip ring WeaponLight parts-compatible

M3T TurboHead CombatLight

MN15 lamp:	125 lumens
MN16 lamp:	225 lumens
MN15 run-time:	60 minutes
MN16 run-time:	20 minutes
battery:	three SureFire lithium
finish:	Mil-Spec Type III hard anodize
window:	optically coated tempered Pyrex
bezel:	TurboHead shock-isolated
special features:	waterproofed with O-ring seals parachute cord lanyard included hard-rubber grip ring WeaponLight parts-compatible

M4 Devastator

MN60 lamp:	225 lumens
MN61 lamp:	325 lumens
MN60 run-time:	60 minutes
MN61 run-time:	20 minutes
battery:	four SureFire lithium
finish:	Mil-Spec Type III hard anodize
window:	optically coated tempered Pyrex
bezel:	TurboHead shock-isolated
special features:	waterproofed with O-ring seals parachute cord lanyard included WeaponLight parts-compatible

M6 Magnum

MN20 lamp:	250 lumens
MN21 lamp:	500 lumens
MN20 run-time:	60 minutes
MN21 run-time:	20 minutes
battery:	six SureFire lithium
finish:	Mil-Spec Type III hard anodize
window:	optically coated tempered Pyrex
bezel:	TurboHead shock-isolated
special features:	waterproofed with O-ring seals parachute cord lanyard included WeaponLight parts-compatible

The M6 Magnum emits 500 lumens of power and comes with a fast-change six-battery magazine.

SureFire continues to produce the finest tactical illumination tools for the demanding needs of law enforcement professionals.

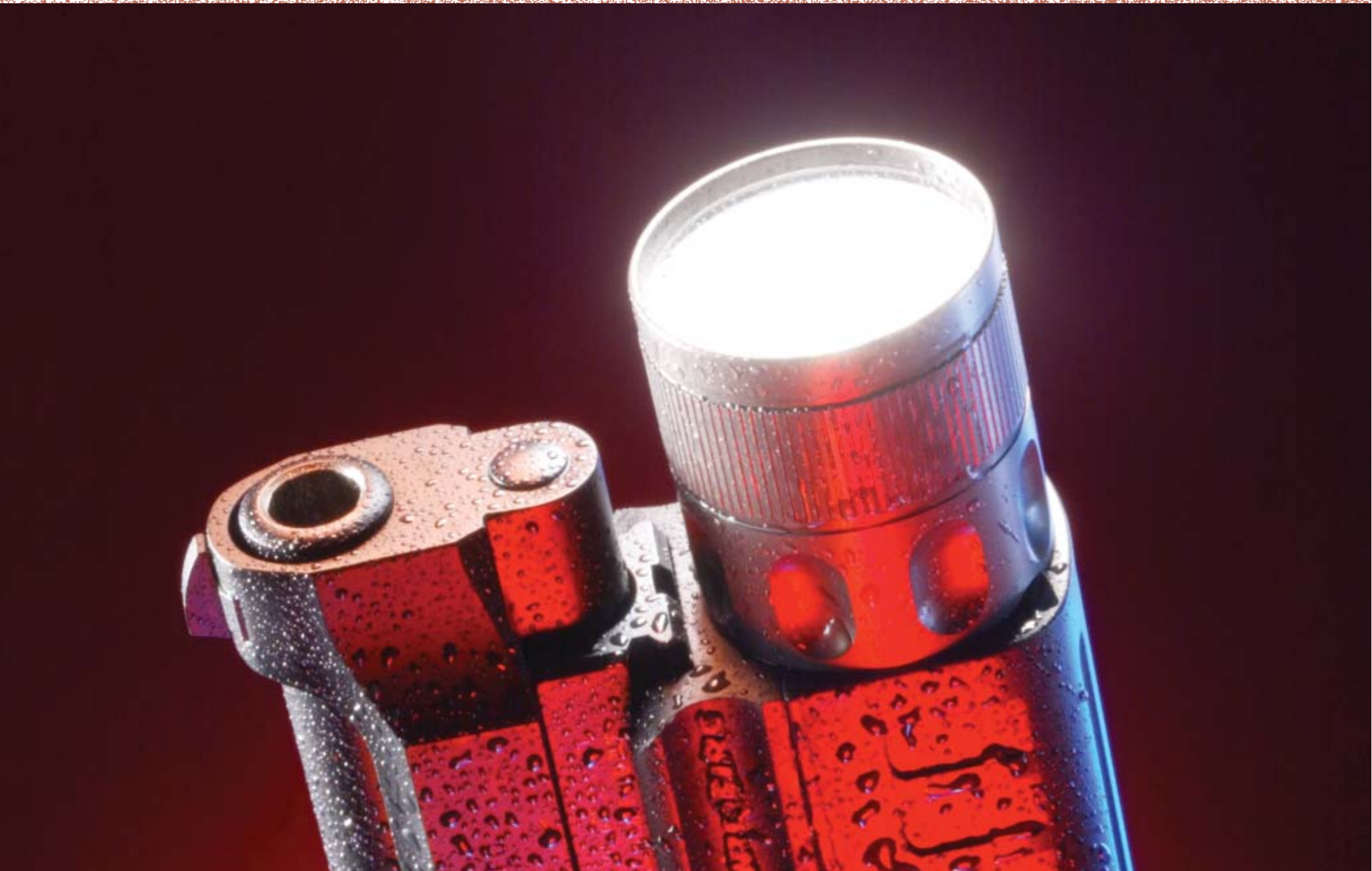
SUREFIRE
A12621

Digital technology, SureFire's latest breakthrough achievement in tactical lighting, comes to the Special Operations lights in 2002. Using a newly developed microprocessor to regulate the flow of power to an entirely redesigned lamp assembly, the Digital Special Operations M2 Centurion now produces a consistent level of light from the moment fresh batteries are installed until the last of the battery's life. When the microprocessor determines that the batteries are almost ready to die, the digital processor cuts the power to 20 percent of the total light level, leaving the operator with approximately 10 minutes of navigation light.

The new Digital M2 Centurion retains all of the battle-tested features of the standard Special Operations models, but now comes with a two-position momentary tail-cap switch. Press the first position for a subdued, 20 percent level of navigation light. Press all the way for the full power of the digitally controlled lamp.

For the absolute last word in tactical illumination tools, the Digital M2 Centurion is unsurpassed. Digital technology will be incorporated into more Special Operations models in the future.

handgun lights



MOD. 92FS VERTEC-CAL. 9mm Parabellum-PATENTED
SUREFIRE
SUREFIRE
SUREFIRE
NAVY
SEAL

SureFire handgun lights are made to fit most popular service pistols using a special trigger guard mounting adapter. The new Beretta Vertec model comes with a SureFire light interface built into the dustcover (facing page). A mount to fit the Springfield Armory TRP Operator's Picatinny dustcover (above) is on the drawing board.

Handgun WeaponLight Series

SureFire manufactures three dedicated WeaponLight™ systems specifically designed to mount on handguns: the Nitrolon Series, the Military Series and the Millennium Series. Each series incorporates customized switches, batteries, lamp assemblies, and mechanical components to fit specific handgun makes and models. These dedicated WeaponLights hard-mount securely to the handgun for rugged durability.

All three series feature shock-isolated lamp assemblies with powerful Xenon lamps that accommodate two choices of lamps, either high or extra-high power. The aluminum models are protected by MilSpec hard anodized finishing.

All three series come with either a SlimLine ambidextrous, single-hand operated pressure switch or a shuttle switch. The shuttle switch must be pushed left to right to turn on the WeaponLight, thus requiring two hands to work the light and grip the pistol. This is not optimum. A better choice for tactical applications is the SlimLine switch.

The Nitrolon Series holds two batteries and accepts either a 65 or 120 lumen lamp. The Nitrolon Series, made of a space-age polymer, is lightweight yet tough.

The Military Series, made of aerospace-grade aluminum hard anodized to Mil-Spec standards, was designed at the request of a unit in Naval Special Warfare. It comes with two batteries and a choice of either a 65 or 120 lumen lamp. The Military Series is totally waterproof.

The Millennium Series holds three batteries and uses a brawny 1.62" bezel. It comes with both a 125 and a 225 lumen lamp. It is the largest, most powerful handgun WeaponLight on the market.

Black Hills
Ammunition
223
TACTICAL ADVANTAGE
SUREFIRE
WILSON COMBAT

Millennium Monster Light

Facing Page:

An excellent option for 1911 owners is the Dawson Precision accessory rail that is custom-fit on a 1911 dustcover. The beauty of the Dawson system is that the pistol still fits a standard holster when the SureFire is removed. SureFire endorses the Dawson Precision mount and its installation does not void SureFire's warranty.

Dawson Precision: (512) 260-2011

Unsurpassed in sheer power, the Millennium Series is the *ne plus ultra* of handgun-mounted lights— there is nothing brighter. The Millennium Series features SureFire's latest, breakthrough technology in lamp design, utilizing the Millennium style of lamp assemblies in either 125 or 225 lumens. The Millennium Series comes with both lamp assemblies, good for 20 and 60 minutes of run-time respectively. Holding three SureFire lithium batteries, the Millennium Series is the largest, most powerful handgun WeaponLight on the market. The light output is stunning to behold.

The Light Choice, The Right Choice

Lightweight yet incredibly durable, the Nitrolon Series offers the blinding white light of SureFire's legendary lamps, yet still performs reliably in spite of the battering from recoil. The Nitrolon Series with the SlimLine switch option is the best all-around choice for K9 officers, SWAT entry men and others who need a powerful yet lightweight handgun light. The Nitrolon Series comes with an aluminum bezel containing SureFire's P60 or P61 lamp assemblies, good for 65 and 120 lumens respectively. It comes with two SureFire lithium batteries. The Nitrolon Series in a shuttle switch-only configuration is the most affordable handgun WeaponLight that SureFire offers.

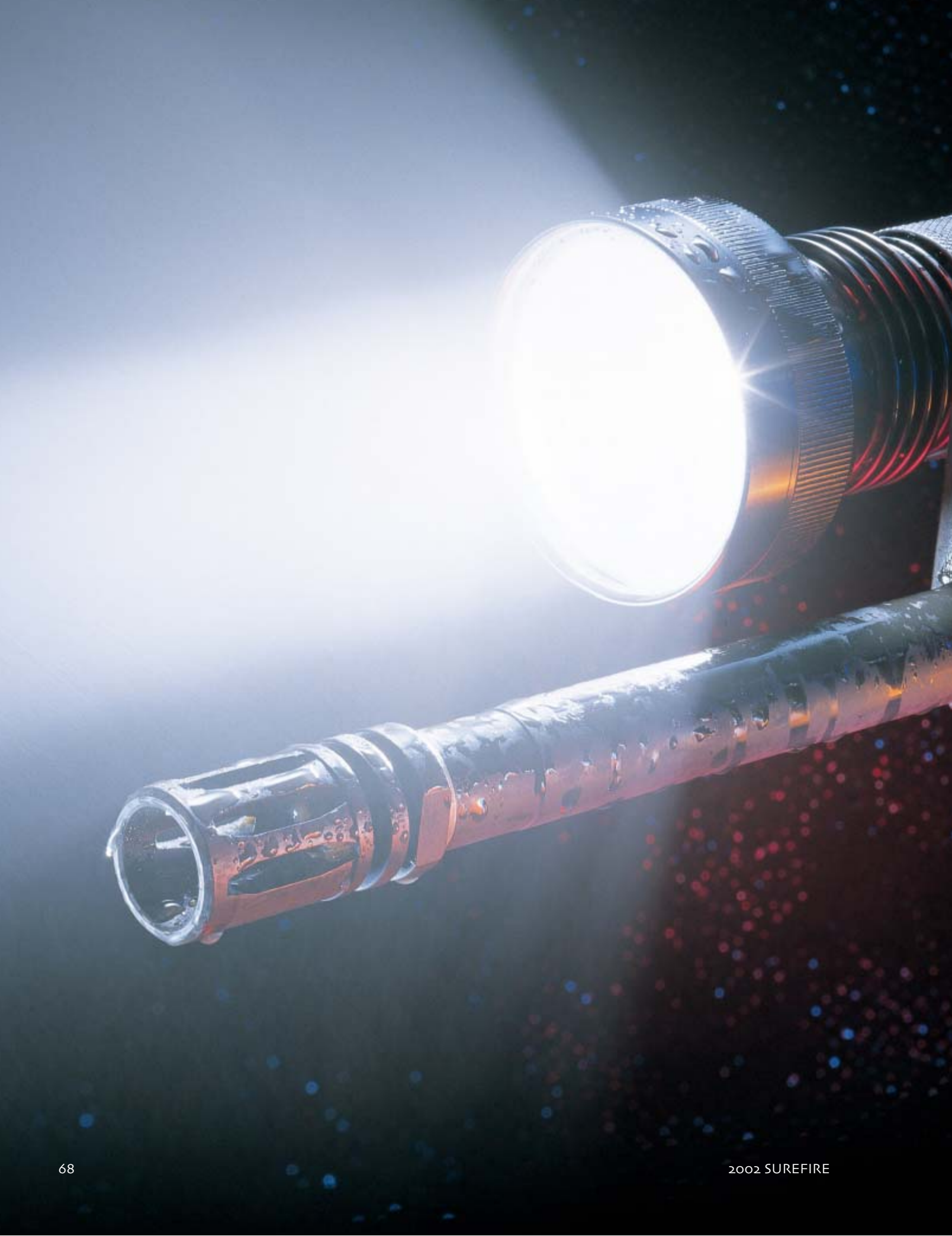
Switches On!

SureFire's patented SlimLine™ switch enables you to activate the light by applying pressure as you grip the weapon. This ergonomic placement of the switch, tension-adjusted over the front strap, provides tactical control of the light and the handgun simultaneously. Single-handed, totally ambidextrous operation allows the user to control the SlimLine switch for instantaneous firing or lighting.

Shoot-and-move tactics require momentary control of a tactical light. Gently ease off the pressure of your firing grip to instantly deactivate the light without requiring a second hand for switch operation. Tactical operators unanimously prefer the SlimLine switch.

Additionally, Handgun WeaponLight with SlimLine switches come with a Shuttle switch on the housing with a choice of either a constant-on or disable mode. The disable switch deactivates the SlimLine switch.

Alternatively, SureFire offers all of its WeaponLights with only Shuttle switches. Shuttle-only models do not have a pressure switch; they are simple on-off switches. Shuttle switch models are suitable for applications in which using both hands on the weapon— one hand just to work the light— is not a tactical consideration.



M500 WeaponLight

Attaching a bright white light to a firearm, espeically a primary weapon like a carbine or rifle, is a tremendous tactical advantage on today's urban battlefield. House-clearing is no longer conducted with frag grenades and Browning Automatic Rifles. Today's SWAT team or peace-keeping force must be selective in target identification and, if at all possible, employ non-lethal force to solve a problem.

Enter the SureFire WeaponLight. The M500 replacement forend for the AR15/M16 and CAR15/M4 families allows the solid, rugged mounting of a powerful "force option" white light directly onto the weapon itself. Several versions are available with standard and TurboHead bezels; LED navigation lights and a constant-on rocker swtich are standard features.

Please refer to our separate 2000 SureFire WeaponLight Catalog for complete details and specifications of this exciting, break-through WeaponLight.

ON
OFF
SUREFIRE

shotgun WeaponLights

127051

SureFire shotgun WeaponLights™ include two basic systems: a replacement forend that incorporate a SureFire light and a replacement Picatinny rail forend. Legendary for its ongoing performance, the shotgun WeaponLight replacement forend is undergoing an important series of improvements in 2002— the ability to mount a higher powered lamp assembly and, now coming standard, a constant-on rocker switch.

A SureFire Picatinny rail replacement forend is also new for 2002, available for Mossberg 590 and Remington 870 pump shotguns. A variety of SureFire rail-mounted WeaponLights can be affixed to the new Picatinny forend, including SureFire laser sights, Millennium Universal System modular lights and the M900 Vertical Grip, all of which are shown in this photo.

Deciding to offer the constant-on rocker switch as factory-standard— previously it was only available as an extra-cost option— means that our new shotgun forends are absolutely without peer. A new ergonomic rubberized grip panel is also incorporated on the new 2002 shotgun forends.

For complete details on makes, models and features of SureFire shotgun WeaponLight systems, please refer to our separate 2002 SureFire WeaponLight Catalog.

Cool Gear: An Endorsement

At SureFire, we have gear-heads too. They like cool gear , just like a lot of you. Some of the coolest gear we've found is from Strider Knives, makers of handmade custom fighting knives, and from Scattergun Technologies, developer of customized shotguns like this Border Patrol conversion of a Remington 870 shown here. Check them out, they're endorsed.

Strider Knives
(760) 471-8275
striderknives.com

Scattergun Technologies
(800) 955-4856
wilsoncombat.com

No accessory-mounting system is more versatile than SureFire's new Picatinny replacement forend for Remington 870 and Mossberg 590 pump shotguns. Thanks to the modular design of SureFire's Millennium Universal System of WeaponLights , an operator can mount a SureFire laser sight, a choice of SureFire MU System light assemblies, or one of the new M900 Vertical Grip WeaponLights.

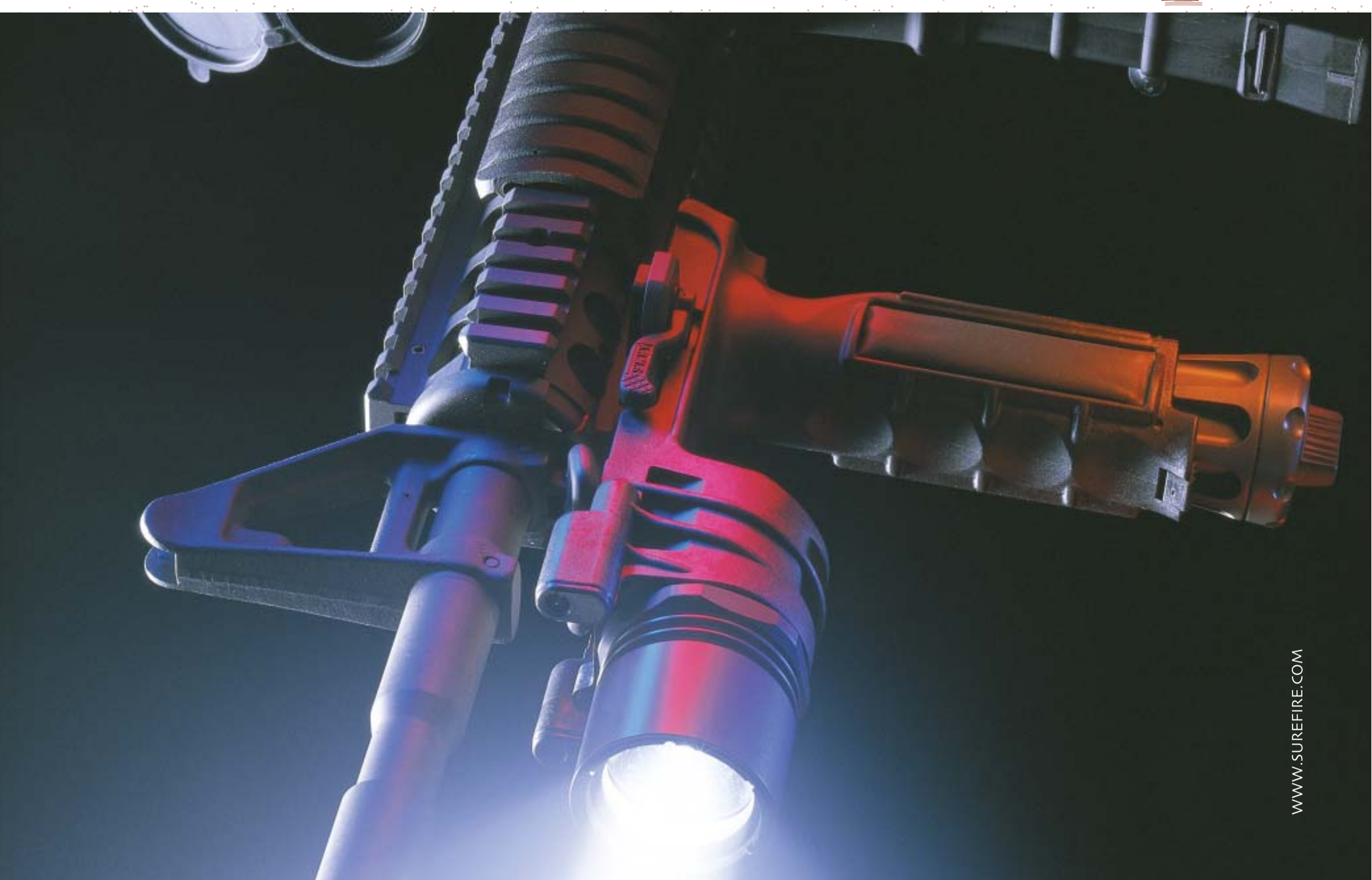
Motivated by the Spec Ops community's adoption of the Colt M4 rifle with a Picatinny rail forend, SureFire engineers designed the M900 vertical grip WeaponLight™ to interface with all Picatinny-based mounting systems. The M900 features a choice of lamp modules with either 125 and 225 lumens of power. A standard bezel and a TurboHead bezel are also available.

The M900 comes with a main light and two low-output LEDs for navigating over rough terrain when it is tactically unsound to reveal your position with the main fighting light. The LEDs are available in red, white, blue and infrared.

The main tactical light is operated by two opposing pressure switches on the grip housing, ambidextrous and ergonomically positioned. Newer models incorporate a lock-out battery compartment cap that disables both the LED navigation lights and main light.

The lamp assembly and bezel are interchangeable with the several hand-held models from the Special Operations Series. Millennium filters are available for the M900. It runs on three SureFire lithium batteries. Complete details, specifications and features are listed in our separate 2002 SureFire WeaponLight Catalog.

M900 Vertical Grip



Optional filters can be affixed to the M900's main light.

The M900 attaches to a Picatinny rail with either an A.R.M.S. throw-lever (shown) or a dual thumb-screw mount.

Twin navigation lights are triggered by a thumb pressure switch at the rear of the M900's grip. The rotary lever at the back of the light housing is a constant-on switch.

A SureFire replacement Picatinny forend for a Remington 870 police shotgun makes an ideal platform to attach an M900 Vertical Grip. A SureFire L80 green laser sight can be fitted to the housing of a Millennium Universal System, thanks to its modular design. Not that we would recommend mounting three separate devices on one forend, but for illustration purposes, we fit another MU system to the port side of this shotgun.

SUREFIRE
SUREFIRE USA WWW.SUREFIRE.COM
LITHIUM BAT

MU system

The lamp assemblies used in the MU System are interchangeable with those used in the Special Operations series of hand-held lights.

M972C… Huh?
How To Break The MU System Code

The model names in the Millennium Universal System are alpha-numeric designations. The first letter, M, indicates that the system utilizes SureFire's Millennium series of shock-isolated lamp assemblies. The numbers that follow refer to other components.

The first digit, 9, refers to the common housing all MU Systems share.

The second digit— a 5, 6, 7 or 8— refers to the number of batteries. Sort of. It also refers to the bezel size. Don't ask how we came up with it, but it works like this:

5 equals two batteries (6 volts)
6 equals three batteries (9 volts)
7 equals three batteries, TurboHead bezel
8 equals four batteries (12 volt)

The last number, either 1 or 2, indicates the mount, 1 for dual thumb-screw and 2 for A.R.M.S. throw-lever.

Last, the letter at the end refers to the switch. There are three switches: a remote pressure switch— we call it a tape switch— that can be affixed to the weapon anywhere you like; a conventional SureFire momentary tail-cap switch; and a new click-for-constant-on combination momentary switch.

If the last letters are xx, plug in the number of inches of the tape switch you'd like. If the last letter is C, that is the new constant-on switch (way cool, the engineers really hit a homerun with this new switch) and a P indicates a momentary-on tail-cap.

Okay, so now for your pop quiz. What are the parts in an M982C?

Two mounts are available for the MU System, either an A.R.M.S. throw-lever or a dual thumb-screw.

A Thoroughly Modular System

Modular design permits the Millennium Universal System™ (MU System) to offer the most options and configurations of any weapon-mounted lighting system. SureFire's MU System mounts to a Picatinny rail interface and utilizes a common housing that can accept various white light lamp modules as well as SureFire's laser sights.

The MU System can be configured with two, three or four SureFire lithium batteries, using a choice of standard or TurboHead bezels. The light output ranges from 65 lumens to 225 lumens, depending on the lamp module.

Featuring SureFire's rugged shock-isolated lamp assemblies, the MU System is designed to withstand the pounding of heavy recoil. Even a steady diet of 12 ga. slugs will not affect the performance of an MU System.

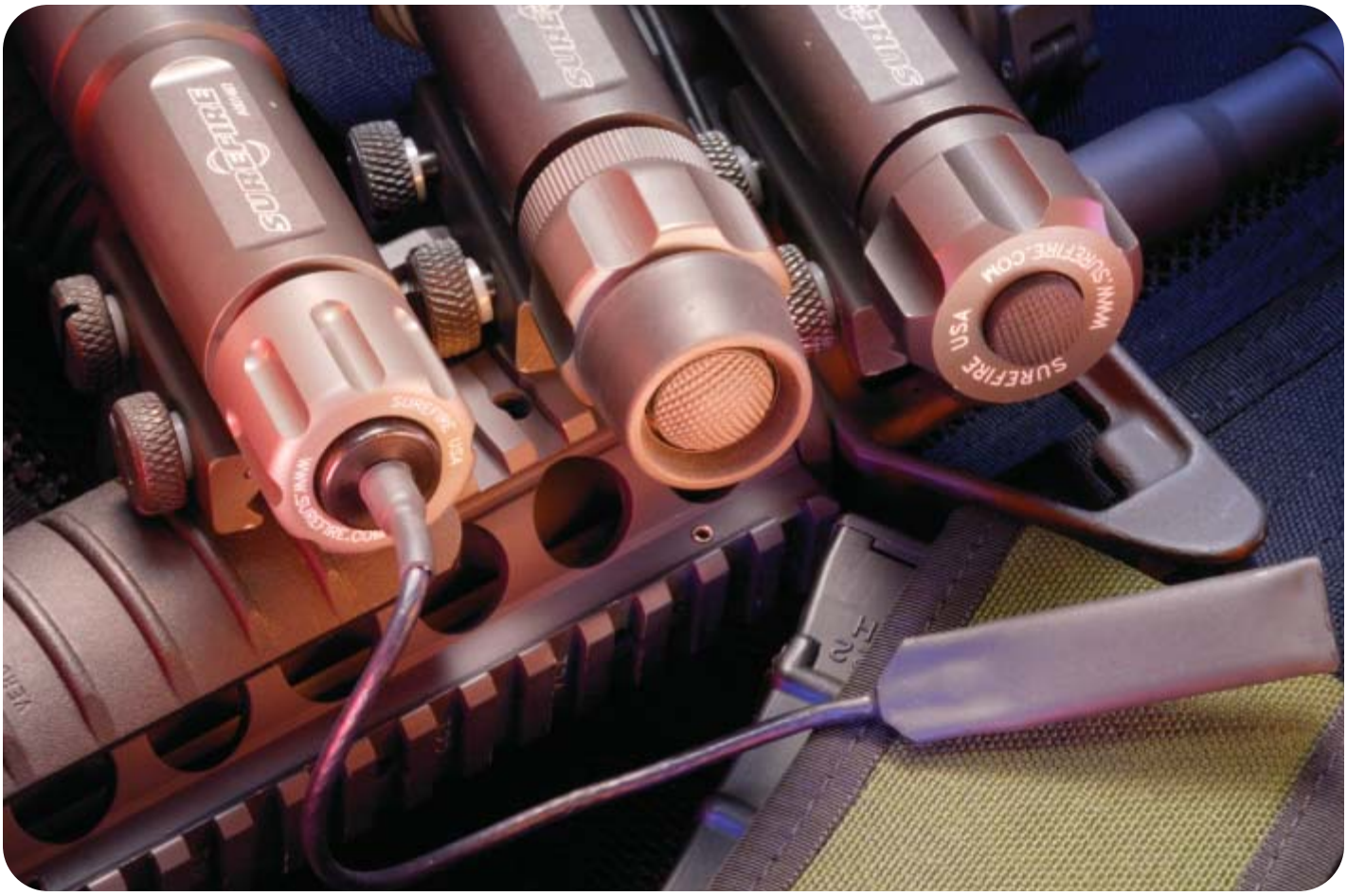
The MU System comes with a choice of two mounting attachments, either a dual thumb-screw mount or an A.R.M.S.™ throw-lever mount. Three switches are available, two types of thumb-pressure switches and one remote tape switch. One of the thumb-pressure switches is new for 2002, a click-for-constant-on model with a protective hard rubber casing to prevent accidentally pressing it to constant-on. Otherwise, it acts as a momentary-on switch.

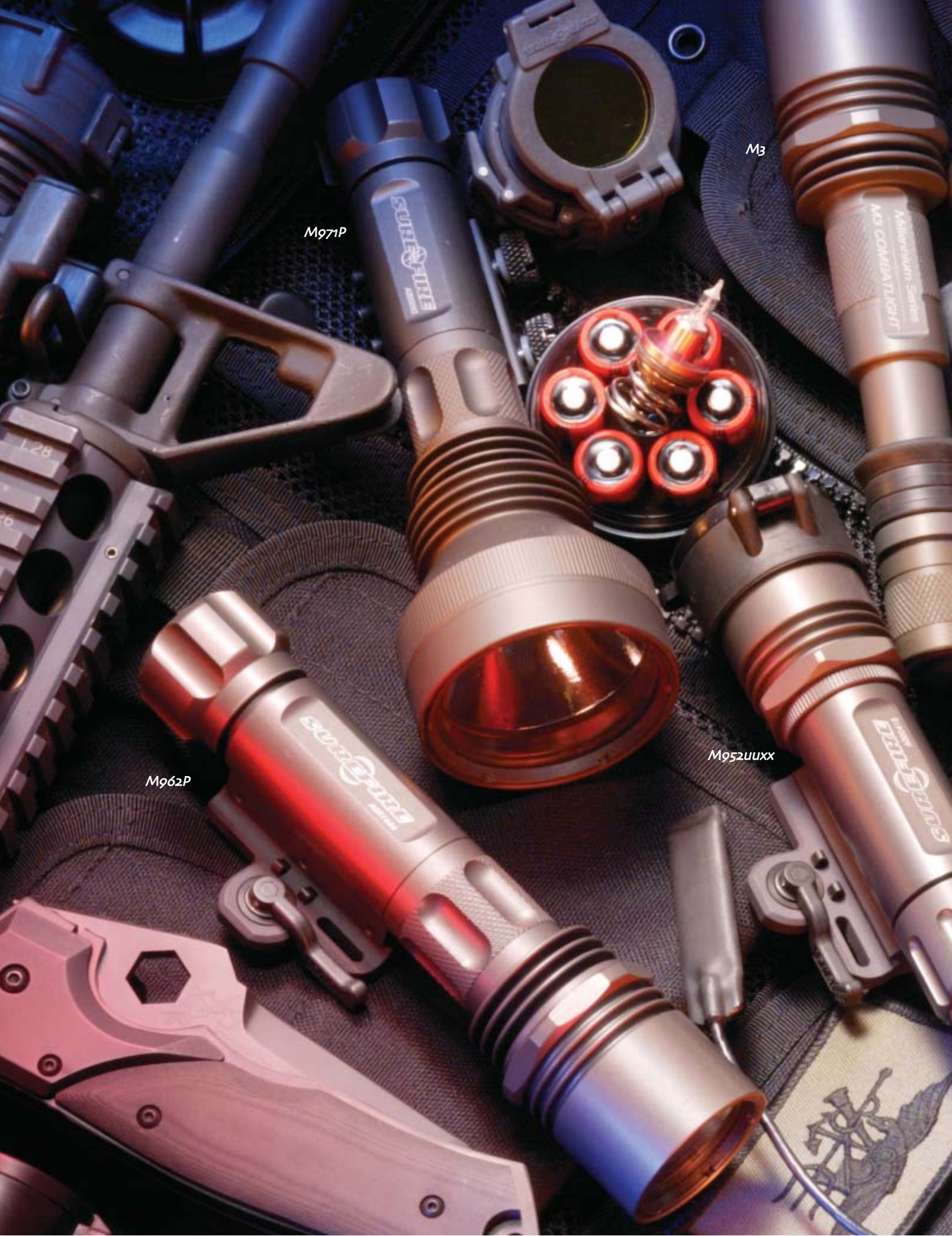
The MU System is finished with Mil-Spec Type III hard anodizing and is totally waterproof and corrosion resistant.

A significant advantage of outfitting your M4 or CAR15 with an MU System is that there is parts-compatibility with SureFire's Millennium Series of Special Operations lights. Bezels, lamp assemblies and tail-caps are interchangeable, allowing field-expedient swapping of parts.

The MU System is currently in use by several branches of the Spec Ops community and has been tested thoroughly by the U.S. military.

Tail-cap switches come in three versions: pressure tape switch, click-on momentary switch and standard momentary.




M3
M971P
M952UUXX
M962P

L80 green laser in
an MU housing
M981P
M951C

The Ultimate Laser Sights

laser sights

Laser sights for firearms go back to the very beginning of SureFire, back to before there was a SureFire, to the earliest day's of Laser Products, the company that produced SureFire. Laser Products developed the first laser sight for firearms and that legacy carries forward with today's SureFire laser sights. We offer three laser sights, two visible and one infrared. The sights can be mounted either in conjunction with a SureFire WeaponLight™ or as a separate unit.

New for 2002, SureFire's latest laser is green. Green lasers are six times "brighter," as perceived by the human eye, than red lasers. We continue to offer a red laser, however. Our infrared laser in visible only with night vision devices (NVDs).

SureFire lasers are not like any other weapon-mounted laser. Most lasers on the market are typical, low-cost devices. SureFire lasers are uniquely designed, robust and rugged.

Our lasers use continuous-beam operation that provides about twice the average power compared with typical pulsing lasers. This translates to a brighter constant beam that is much easier to follow when tracking a target.

The laser sight module is designed to screw into the standardized threads of SureFire systems. We highly recommend mounting them in a Millennium Universal System modular housing or into a SureFire WeaponLight.

SureFire lasers feature a unique "hard-mount" design that eliminates adjustment springs and screws for sighting-in a weapon. Zeroing a SureFire laser is accomplished with two precise, optical prism beam adjustments. This approach allows the laser diode to remain in a secure, fixed position while the adjustment rings move the beam on the target.

The hard-mount design eliminates the usual adjustment springs and screws of other brands that are subject vibration and recoil, weakening and losing their point-of-impact. With the SureFire calibration rings locked in position, the total unit is a solid assembly that maintains zero during recoil and the rigors of field use.

Sighting-in with SureFire's rotating adjustment rings is quickly accomplished. When locked down, the laser will maintain zero. The dial readings can be recorded for zeroing different weapons, allowing the laser to be zeroed on multiple weapons. The design is waterproof with O-ring seals for submersion to 30 meters.

The distance a SureFire laser beam travels is well beyond the usual range associated with most tactical operations. It is important to understand that the maximum effective range of a laser varies greatly with ambient lighting conditions, the reflectivity of the target, and the shooter's vision. Lasers vary the most in bright, direct sunlight. A laser is more effective at night or in subdued lighting.

NO
PARKING

SureFire Institute

SureFire Institute director Ken J. Good has devised a number of innovative and, pardon the pun, cutting-edge curriculums for police and military personnel. The primary course deals with low-light combat, but defensive tactics are also taught.

SUREFIRE® INSTITUTE

Realizing the need for low-light tactical training as innovative and effective as the new breed of illumination tools he had developed, SureFire's founder, Dr. John Matthews, created the SureFire Institute. A training organization dedicated to providing the highest quality tactical training to law enforcement and military professionals, the SureFire Institute utilizes conflict-tested training methods to provide clients with the most relevant and realistic training available.

Key elements of the SureFire Institute's curriculum include:

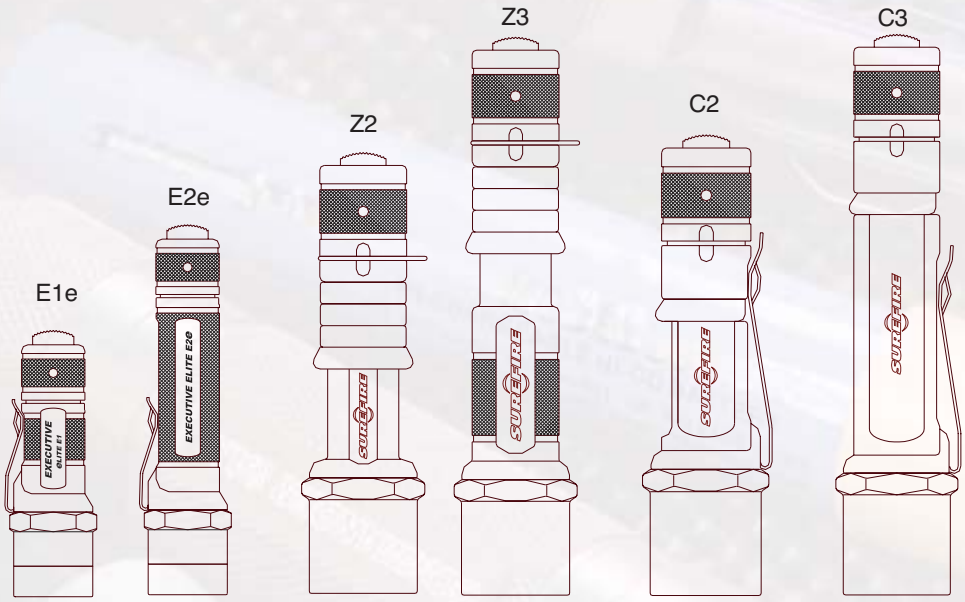
Low-Light Training: The majority of officer-involved shootings occur between sunset and sunrise, yet most departmental training takes place during the day. The SureFire Institute was founded specifically to address the tactical issues associated with diminished lighting conditions.

Force-on-Force Training: Years of practical research have refined the SureFire Institute's unique "Force-on-Force" training methods. As past students will attest, this training must be experienced before it can be truly appreciated.

Course participants are presented various shoot/no-shoot problems while engaging skilled opponents role-played by our staff and other trainees. These exercises are conducted with non-lethal projectile-firing training weapons. By learning to solve problems in this highly realistic environment, individuals and teams are more likely to succeed when it counts—in real life. This translates to a higher survival rate, fewer wrongful shootings, and a reduction in legal liability.

Staff: The SureFire Institute's staff includes both active members of law enforcement and former military special operations personnel. The blending of military and law enforcement training and operational perspectives has proven to deliver a powerful training experience for course attendees.

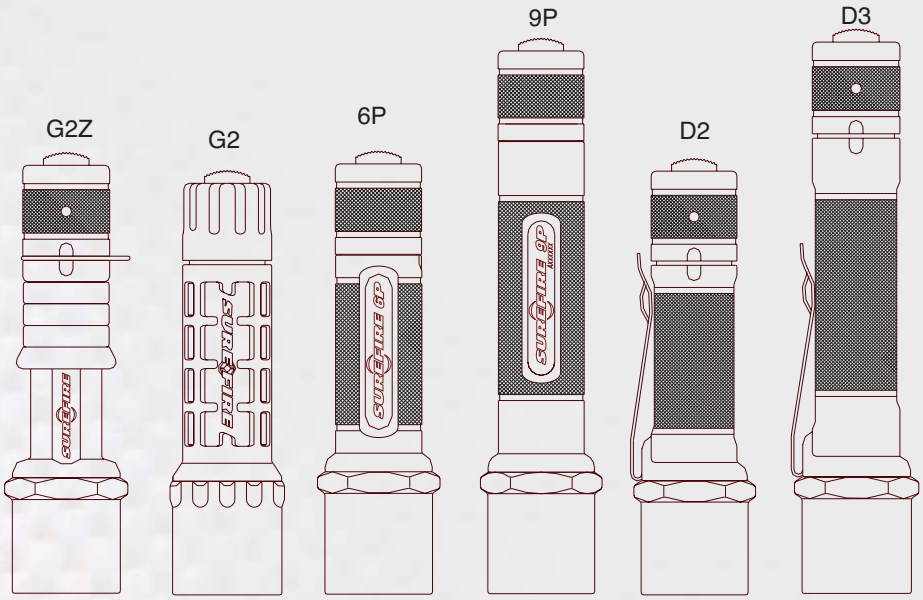
For more information, contact the SureFire Institute at (714) 545-9007 or via e-mail at training@surefire.com. Course descriptions and schedules can be found online at www.surefireinstitute.com



	E1e	E2e	Z2	Z3	C2	C3
Performance						
Power in lumens	15	60	65	105	65	105
Run-time in minutes	90	75	60	60	60	60
Lithium Batteries	One	Two	Two	Three	Two	Three
Lamp Assemblies	MN01	MN03	P60	P90	P60	P90
Length	3.3"	4.5"	5.1"	6.4"	5.1"	6.4"
Weight	2.2 oz.	4 oz.	5 oz.	6.7 oz.	5 oz.	6.7 oz.
Bezel Diameter	1"	1"	1.25"	1.25"	1.25"	1.25"
Spares Carrier						
Empty	SC3	SC3	SC1	SC1	SC1	SC1
Optional Lamp Assembly	----	MN02	P61	P91	P61	P91
Power in lumens	----	25	120	200	120	200
Run-tme in minutes	----	150	20	20	20	20
Bezel Mounted Items						
Red filter	F05	F05	F26, FM35	F26, FM35	F26, FM35	F26, FM35
Blue filter	F06	F06	F27, FM36	F27, FM36	F27, FM36	F27, FM36
Infrared filter	F03	F03	F16. FM33	F16. FM33	F16. FM33	F16. FM33
BeamShaper (wide)	F04	F04	F24, FM 34	F24, FM 34	F24, FM 34	F24, FM 34
Red traffic cone	----	----	F28	F28	F28	F28
Protective cover	----	----	F17, FM37	F17, FM37	F17, FM37	F17, FM37
Holsters						
Polymer CombatLight	----	----	V70	V70	V70	V70
Leather, plain	----	----	----	----	----	----
Leather, basketweave	----	----	----	----	----	----
Leather, clarino	----	----	----	----	----	----
Nylon, quick release	----	V82	----	----	----	----
Lanyard Systems						
Lanyard, tail-cap	----	----	included	included	Z26	Z26
Lanyard ring, bezel	----	----	Z12	Z12	Z12	Z12
Lanyard	Z50	Z50	included	included	Z27	Z27
Conversion Kits						
LumaMax LED	KL1	KL1	----	----	----	----
TurboHead	----	----	KT1	KT2	KT1	KT2
Rechargeable Kit	----	----	KR2	----	KR2	----
Turbo Lamp Assembly	----	----	N1	N2	N1	N2
Rechargeable Battery	----	----	B65	----	B65	----

2002 SUREFIRE

specifications



G2Z	G2	6P	9P	D2	D3
65 60	65 60	65 60	105 60	65 60	105 60
Two	Two	Two	Three	Two	Three
P60	P60	P60	P90	P60	P90
5.1" 3.9 oz.	4.9" 4.1 oz.	5.1" 5 oz.	6.4" 6.7 oz.	4.9" 5.1 oz.	6.4" 6.7oz.
1.25"	1.25"	1.25"	1.25"	1.25"	1.25"
SC1	SC1	SC1	SC1	SC1	SC1
P61 120 20	P61 120 20	P61 120 20	P91 200 20	P61 120 20	P91 200 20
F26, FM35 F27, FM36 F16. FM33 F24, FM 34 F28 F17, FM37	F26, FM35 F27, FM36 F16. FM33 F24, FM 34 F28 F17, FM37	F26, FM35 F27, FM36 F16. FM33 F24, FM 34 F28 F17, FM37	F26, FM35 F27, FM36 F16. FM33 F24, FM 34 F28 F17, FM37	F26, FM35 F27, FM36 F16. FM33 F24, FM 34 F28 F17, FM37	F26, FM35 F27, FM36 F16. FM33 F24, FM 34 F28 F17, FM37
V70 ---- ---- ---- ----	V70 V26 V27 V28 V20,V21	V70 V26 V27 V28 V20,V21	V70 ---- ---- ---- ----	V70 ---- ---- ---- ----	V70 ---- ---- ---- ----
included Z12 included	Z26 Z12 Z27	Z26 Z12 Z27	Z26 Z12 Z27	Z26 Z12 Z27	Z26 Z12 Z27
---- ---- KR1	---- ---- KR1	---- KT1 KR2 N1	---- KT2 ---- N2	---- KT1 KR2 N1	---- KT2 N2
B65	B65	B65	----	B65	----

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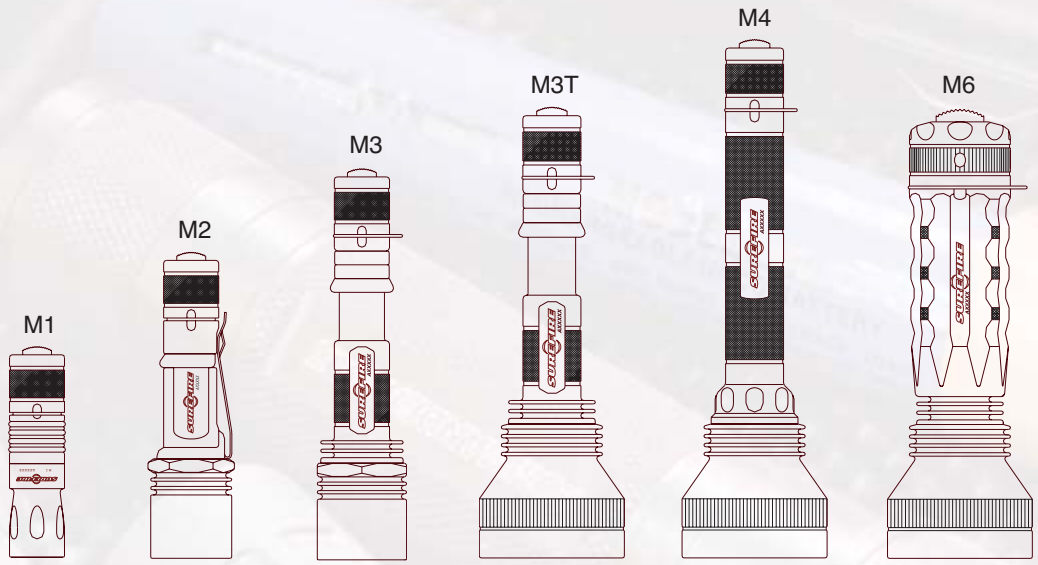
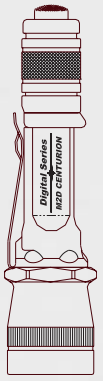
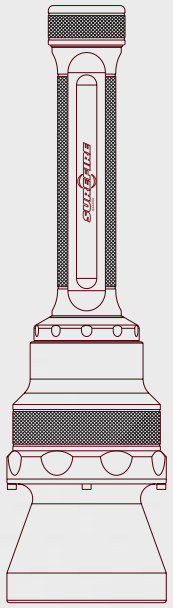
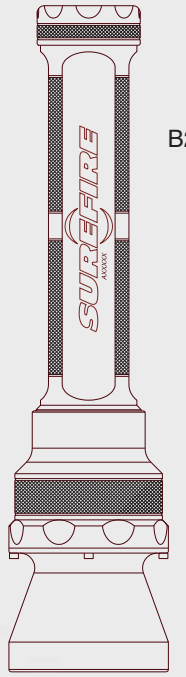
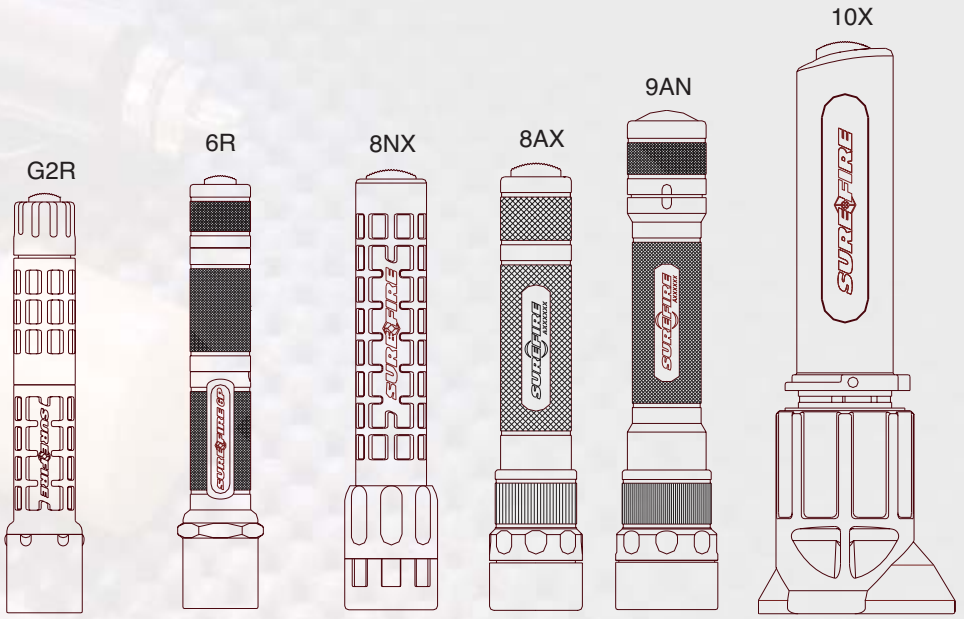


	M1	M2	M3	M3T	M4	M6
Performance	35mW					
Power in lumens	----	65	125	125	200	250
Run-time in minutes	480	60	60	60	60	60
Lithium Batteries	One	Two	Three	Three	Four	Six
Lamp Assemblies	LED	P60	MN10	MN15	MN60	MN20
Length	3.8"	5.2"	7.1"	7.8"	8.3"	7.75"
Weight	3.5 oz.	5.25 oz.	7 oz.	8 oz.	11 oz.	15 oz.
Bezel Diameter	1"	1.47"	1.62"	2.5"	2.5"	2.5"
Spares Carrier						
Empty	SC1	SC1	SC2	SC2	SC2	SC2
Optional Lamp Assembly	----	P61	MN11	MN16	MN61	MN21
Power in lumens	----	120	225	225	350	500
Run-tme in minutes	----	20	20	20	20	20
Bezel Mounted Items						
Red filter	----	F66, FM65	FM15	FM25	FM25	FM25
Blue filter	----	F67, FM66	FM16	FM26	FM26	FM26
Infrared filter	----	F69, FM63	FM13	FM23	FM23	FM23
BeamShaper (wide)	----	F70, FM64	FM14	FM24	FM24	FM24
Red traffic cone	----	F68	F38	----	----	----
Protective cover	----	F62, FM67	FM17	FM27	FM27	FM27
Holsters						
Polymer CombatLight	----	V72	V71	V71	V71	----
Leather, plain	----	----	----	----	----	----
Leather, basketweave	----	----	----	----	----	----
Leather, clarino	----	----	----	----	----	----
Nylon, quick release	----	----	----	----	----	----
Lanyard Systems						
Lanyard, tail-cap	included	Z26	included	included	included	included
Lanyard ring, bezel	----	Z12	----	----	----	----
Lanyard	included	Z27, Z50	included	included	included	included
Conversion Kits						
Rechargeable	----	----	----	----	----	----
TurboHead	----	KT1	KT4	----	----	----
Miscellaneous.						
Turbo Lamp Assembly	----	N1	MN15, MN16	----		----
Rechargeable Battery	----	----	----	----	----	----

specifications

L1	L2	A2	C2D	M2D	B1	B2
						
13 to 20 over 150	13 to 20 over 150	Lamp: 60 LED: 3 Lamp:60 LED: 1,500	60 60	60 60	2,000 80	2,000 60
One	Two	Two	Two	Two	Twenty	B200 Ni-MH (rechargeable)
LED	LED	MA02	MD02	MD02	HID01	HID01
4.6" 3.3 oz.	5.9" 4.1 oz.	5.9" 4.1 oz.	5.9" 6.7 oz.	6.3" 6.7 oz.	13.8" 3.5 lb.	16.8" 5.7 lb.
1"	1"	1"	1.25"	1.47"	4.03"	4.03"
----	----	----	SC3	SC3	---	---
---- ---- ----	---- ---- ----	MA01 25 130	MD01, MD03 25, 120 130, 20	MD01, MD03 25, 120 130, 20	--- --- ---	--- --- ---
F05 F06 F03 F04 ---- ----	F05 F06 F03 F04 ---- ----	F05 F06 F03 F04 ---- ----	F26, FM35 F27, FM36 F16. FM33 F24, FM 34 F28 F17, FM37	FM65 FM66 FM63 FM64 F68 FM67	--- --- --- --- --- ---	--- --- --- --- --- ---
---- ---- ---- ---- V82	---- ---- ---- ---- V82	---- ---- ---- ---- ----	V70 ---- ---- ---- ----	V72 ---- ---- ---- ----	--- --- --- --- ---	--- --- --- --- ---
---- ---- Z50	---- ---- Z50	---- ---- Z50	Z26 ---- Z27, Z50	Z26 ---- Z27, Z50	--- --- ---	--- --- ---
---- ----	---- ----	---- ----	---- ----	---- ----	--- ---	--- ---
---- ----	---- ----	---- ----	---- ----	---- ----	--- ---	--- ---



	G2R	6R	8NX	8AX	9AN	10X
Performance						
Power in lumens	65	65	110	110	20 / 140	60 / 500
Run-time in minutes	35	35	50	50	120 / 40	180 / 18
Rechargeable Batteries	B65 Ni-Cd	B65 Ni-Cd	B90 Ni-Cd	B90 Ni-Cd	B90 Ni-Cd	B20 Ni-Cd
Lamp Assemblies	P60	P60	X80	X80	N90	MN30, MN31
Length	6.9"	6.9"	7"	6.9"	7.9"	9.5"
Weight	6.2 oz.	7.6 oz.	8 oz.	9.7 oz.	12.9 oz.	20 oz.
Bezel Diameter	1.25"	1.25"	1.47"	1.47"	1.62"	Dual
Spares Carrier						
Empty	SC1	SC1	----	----	----	----
Optional Lamp Assembly	----	----	----	----	----	MN32
Power in lumens	----	----	----	----	----	110
Run-tme in minutes	----	----	----	----	----	90
Bezel Mounted Items						
Red filter	F26, FM35	F26, FM35	F66, FM65	F66, FM65	F66, FM15	----
Blue filter	F27, FM36	F27, FM36	F67, FM66	F67, FM66	F67, FM16	----
Infrared filter	F16, FM33	F16, FM33	F69, FM63	F69, FM63	F69, FM13	----
BeamShaper (wide)	F24, FM 34	F24, FM 34	F70, FM64	F70, FM64	F70, FM14	----
Red traffic cone	F28	F28	F68	F68	F38	----
Protective cover	F17, FM37	F17, FM37	F62, FM67	F62, FM67	F62, FM17	----
Holsters						
Polymer CombatLight	V70	V70	V72	V72	V71	----
Leather, plain	V16	V16	V36	V36	V46	----
Leather, basketweave	V17	V17	V37	V37	V47	----
Leather, clarino	V18	V18	V38	V38	V48	----
Nylon, quick release	V11	V11	V31	V31	V41	V84
Lanyard Systems						
Lanyard, tail-cap	Z26	Z26	----	----	----	----
Lanyard ring, bezel	Z12	Z12	Z25	Z25	----	----
Lanyard	Z27	Z27	Z27	Z27	----	----
Conversion Kits						
Rechargeable	----	----	----	----	----	----
TurboHead	----	----	KT5	KT5	KT3	----
Miscellaneous.						
Turbo Lamp Assembly	----	----	N5	N5	N3	----
Rechargeable Battery	B65	B65	B90	B90	B90	B20

Road-kill takes on new meaning when you see a squished SureFire… that keeps on ticking! Here is an old model 12Z that a local cop brought in after he'd accidentally backed over it with his squad car. "Just wondering, ah, if your warranty would cover something like this?" he asked sheepishly.

When we saw that the light still worked after a ton of Crown Vic had steamrolled it, we traded him a brand-new SureFire so that we could add this crunched 12Z to our SureFire Hall Of Fame.

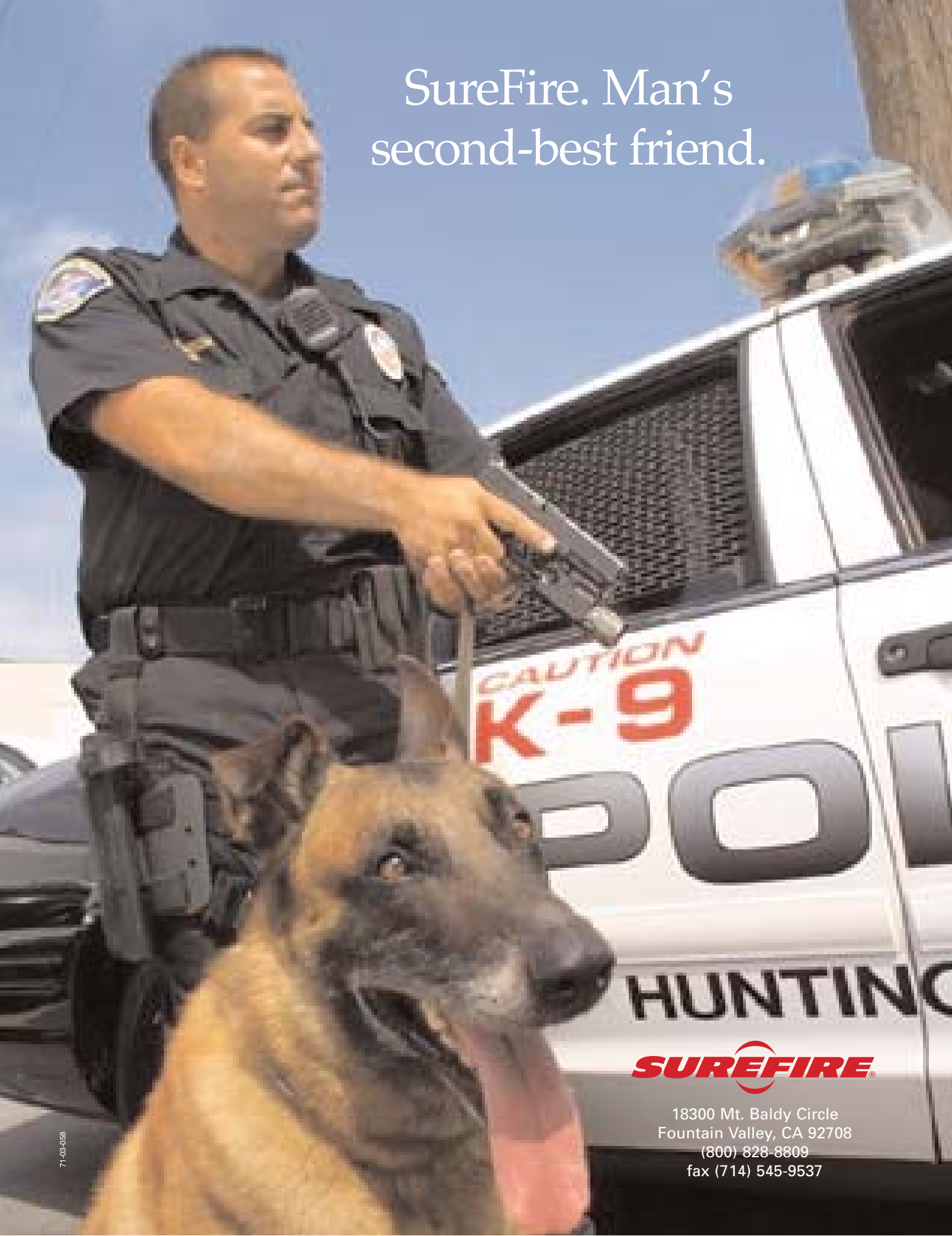
Amazingly, the lamp assembly was— and still is— fully functional. We don't guarantee that you can drive over your SureFire, but we do guarantee that a SureFire is as tough as a flashlight can be.

SUREFIRE®

The Plain English Warranty

If it breaks, we fix it.

(Excluding batteries and lamps.)


SureFire. Man's
second-best friend.
CAUTION
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Fountain Valley, CA 92708
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